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Ohio Labor Market Information

Labor Market Review

December 1987

Summary. The seasonally adjusted unemployment rate in Ohio rose slightly from November, to 6.1 percent in December. The nationwide rate of 5.8 percent was little changed. There were 13,000 more jobless workers in December than in November. Total employment declined 15,000, to 4,927,000. Nonagricultural payroll employment in Ohio, at 4,640,000 (seasonally adjusted), was up 12,000 from November, due chiefly to increases in nonmanufacturing industries. (See page 3.)

Factory Employment. Employment in Ohio's manufacturing industries continued to show improvement in 1987, with a total of 1,097,000 in December. Both durable-goods employment, at 737,000, and nondurable-goods employment, at 360,000, were up slightly.

Nonmanufacturing. Nonmanufacturing employment in Ohio advanced 11,000 from November, to 3,544,000 in December. Services, up 5,000, had the largest gain. Construction and retail trade rose 2,000 each, while wholesale trade and finance, insurance, and real estate each increased 1,000. Only government, which dropped 1,000, had a loss for the month.

Over the Year. Total employment in Ohio rose 45,000 from December 1986 to December 1987. The number of unemployed declined 93,000, lowering the unemployment rate from 7.9 percent to 6.1 percent. In the U.S., the unemployment rate dropped from 6.7 percent to 5.8 percent over the year. Ohio nonfarm wage and salary employment was up 108,000 from December 1986. Employment in services increased 51,000, while retail trade gained 25,000 workers. Construction, government, and finance, insurance, and real estate also had notable advances. Mining, down 2,000, was the only nonmanufacturing division to lose employment. Manufacturing employment fell 9,000 over the year, as losses in durable goods were partially offset by gains in nondurable goods.

Factory Hours and Earnings. Production workers in manufacturing industries in Ohio grossed an average of $517.22 per week in December, up $5.73 from November. Their average workweek increased .3 hours, to 40.9 hours. Most industries had higher earnings due to more overtime. The most significant were fabricated metal products, especially metal forgings and stampings; transportation equipment; chemicals; food and kindred products; and printing and publishing.

Benefits and Costs. Initial claims filed under the Ohio Unemployment Compensation Law, at 88,767 in December, were up 45.1 percent from November, but down 18.6 percent from December 1986. (Total benefits paid increased 48.5 percent from November, to $53.1 million. The average weekly benefit check of $151.41 was $.87 higher than in November. There was a 23.7 percent increase in the number of benefit recipients. At the end of December there were 197,855 active employer accounts.

Ohio Bureau of Employment Services
Richard F. Celeste, Governor Dr. Roberta Steinbacher, Administrator

Employment Service. The Ohio Bureau of Employment Services assisted 36,467 new job applicants in December, down .2 percent from November, and down 12.6 percent from December 1986. There were 8,930 job openings from employers, down 6.6 percent from November. The Employment Services Division made 18,817 job referrals and 5,980 placements.

JOB TRAINING PARTNERSHIP AND YOUR BUSINESS

JTP-Ohio is a state job training program under the Job Training Partnership Act (JTPA). The federal law, JTPA, provides states with funds to help youths and adults who are unemployed, dislocated, or have other barriers to employment, train for jobs and become employed.

There are three basic program classifications under JTPA.

* Training and retraining for economically disadvantaged youths and adults are created under Title II-A.
* Summer employment programs for youths are authorized under Title II-B.
* Programs to serve dislocated workers whose jobs are lost through plant closings, permanent layoffs, or other causes beyond their control, are authorized under Title III.

For further information about JTP-Ohio, contact your local Ohio Bureau of Employment Services office, JTPA office, Private Industry Council or the state JTP-Ohio office at (614) 466-3817.

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Seasonally Adjusted Civilian Labor Force & Nonagricultural Wage & Salary Employment Estimates for Ohio[a]

	Estimates (in thousands)			Change[b] (in thousands)		Percent Change[c]	
	Dec. 1987	Nov. 1987	Dec. 1986	From Last Month	From Last Year	From Last Month	From Last Year
Household Survey Data[d]							
Civilian Labor Force	5,249	5,251	5,276	-2	-27	-0.0	-0.5
Employment	4,927	4,942	4,861	-15	66	-0.3	1.4
Unemployment	322	309	415	13	-93	4.2	-22.4
Unemployment Rate	6.1	5.9	7.9				
Employer Survey Data[e]							
Total	4,640	4,628	4,532	12	108	0.3	2.4
Manufacturing	1,097	1,095	1,106	2	-9	0.1	-0.8
Durable Goods	737	736	750	1	-12	0.2	-1.6
Nondurable Goods	360	359	356	0	3	0.1	0.9
Nonmanufacturing	3,544	3,533	3,426	11	117	0.3	3.4
Mining	20	20	22	0	-2	0.5	-7.4
Construction	182	179	165	2	17	1.3	10.3
Transportation and Public Utilities	211	211	210	0	1	0.0	0.5
Wholesale Trade	253	252	249	1	5	0.3	1.8
Retail Trade	861	859	836	2	25	0.2	3.0
Finance, Insurance, and Real Estate	247	246	237	1	10	0.3	4.1
Services	1,077	1,071	1,026	5	51	0.5	5.0
Government	693	694	682	-1	11	-0.1	1.6
Goods Producing Industries[f]	1,299	1,295	1,292	4	6	0.3	0.5
Service Producing Industries[g]	3,342	3,334	3,240	8	102	0.2	3.1

[a]Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. [b]Changes are computed from unrounded numbers. [c]Percentages are computed from unrounded numbers. [d]From the Current Population Survey, a monthly federal survey of approximately 2,500 Ohio households. Estimates represent counts of persons by place of residence provided by the U.S. Bureau of Labor Statistics. [e]From the Current Employment Statistics Survey, a monthly survey of over 10,000 employers conducted by OBES in cooperation with the U.S. Bureau of Labor Statistics. Estimates represent nonagricultural wage and salary jobs by place of work. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January Review. [f]Includes Mining, Construction, and Manufacturing. [g]Includes Transportation and Public Utilities, Wholesale Trade, Retail Trade, Finance, Insurance and Real Estate, Services, and Government.

Seasonally Adjusted Estimates[a]

Ohio Civilian Labor Force Estimates

(in thousands)

Civilian Labor Force			Unemployment Rate		
Total	Employed	Unemployed	Ohio	US	
					1985
5,185	4,754	431	8.3	7.0	December
					1986
5,218	4,759	459	8.8	6.8	January
5,325	4,869	456	8.6	7.2	February
5,297	4,896	401	7.6	7.2	March
5,248	4,823	425	8.1	7.1	April
5,214	4,784	430	8.2	7.2	May
5,204	4,752	452	8.7	7.1	June
5,204	4,777	427	8.2	7.0	July
5,185	4,763	422	8.1	6.8	August
5,163	4,734	429	8.3	7.0	September
5,214	4,810	404	7.7	6.9	October
5,264	4,875	389	7.4	6.9	November
5,276	4,861	415	7.9	6.7	December
					1987
5,287	4,850	437	8.3	6.7	January
5,303	4,848	455	8.6	6.7	February
5,215	4,824	391	7.5	6.6	March
5,223	4,846	377	7.2	6.3	April
5,294	4,878	416	7.9	6.3	May
5,237	4,859	378	7.2	6.1	June
5,240	4,868	372	7.1	6.0	July
5,205	4,841	364	7.0	6.0	August
5,148	4,865	283	5.5	5.9	September
5,176	4,876	300	5.8	6.0	October
5,251	4,942	309	5.9	5.9	November
5,249	4,927	322	6.1	5.8	December

Ohio Nonagricultural Wage & Salary Employment

(in thousands)

Total Nonagricultural	Manufacturing			
		Durable	Nondurable	
				1985
4,422	1,123	766	357	December
				1986
4,438	1,124	767	357	January
4,440	1,122	764	357	February
4,440	1,117	760	356	March
4,459	1,117	761	356	April
4,464	1,112	756	356	May
4,466	1,111	755	356	June
4,472	1,103	749	354	July
4,484	1,103	748	355	August
4,488	1,100	744	355	September
4,497	1,094	739	355	October
4,518	1,103	747	356	November
4,532	1,106	750	356	December
				1987
4,556	1,106	748	358	January
4,564	1,108	750	358	February
4,563	1,099	741	357	March
4,570	1,098	741	357	April
4,572	1,091	735	356	May
4,567	1,084	731	354	June
4,569	1,076	722	354	July
4,587	1,088	731	357	August
4,598	1,093	736	357	September
4,610	1,091	733	358	October
4,628	1,095	736	359	November
4,640	1,097	737	360	December

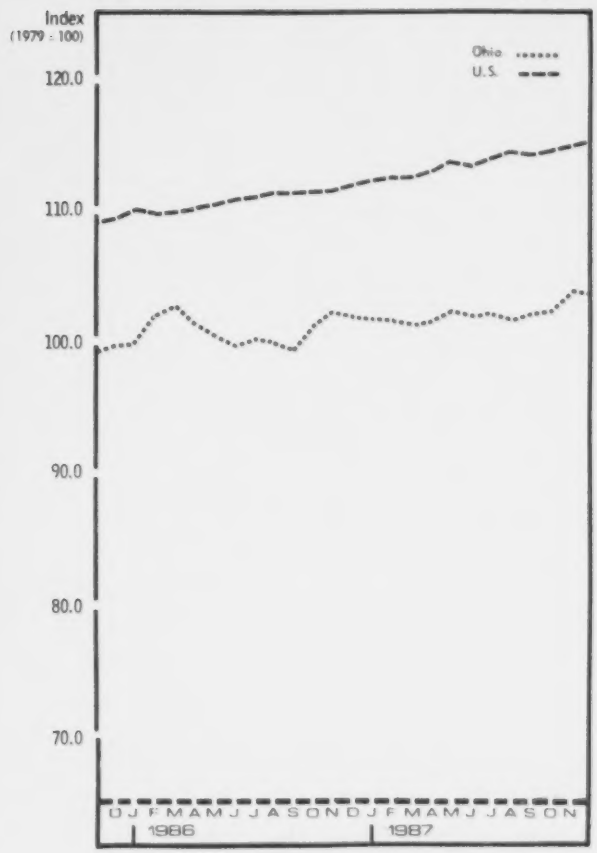
Ohio Nonmanufacturing Wage & Salary Employment

(in thousands)

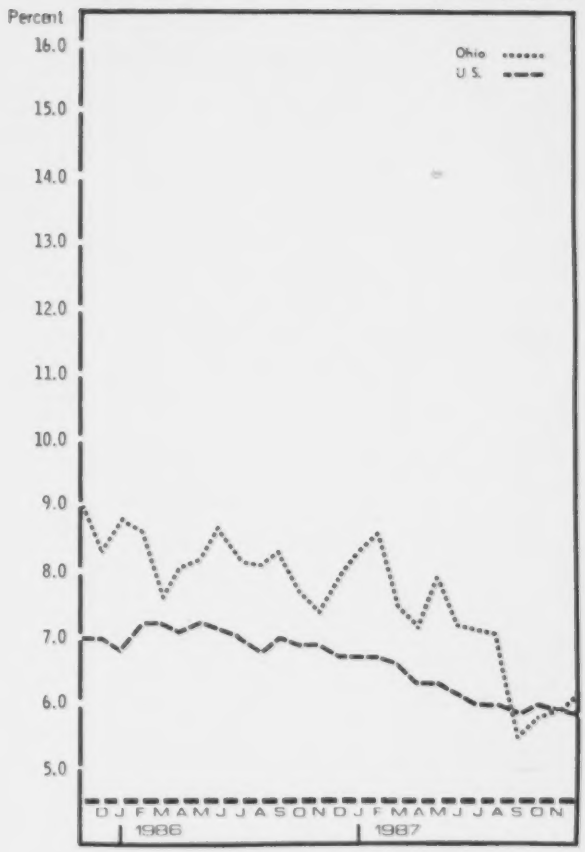
Total Nonmanufacturing	Mining	Construction	Transportation & Public Utilities	Wholesale Trade		Retail Trade	Finance, Insurance, & Real Estate	Services	Government
					1985				
3,300	25	158	203	244	December	802	225	969	673
					1986				
3,314	25	158	203	245	January	806	226	974	677
3,319	25	158	202	245	February	809	227	977	676
3,323	24	156	203	244	March	811	227	981	676
3,342	23	161	203	245	April	813	229	989	678
3,352	23	161	203	245	May	816	231	994	679
3,355	22	160	202	245	June	818	231	996	680
3,369	22	160	206	245	July	820	233	1002	680
3,381	22	161	207	246	August	824	234	1005	682
3,388	22	162	208	247	September	826	234	1008	682
3,402	22	162	209	247	October	831	236	1013	682
3,415	22	164	210	248	November	833	236	1020	682
3,426	22	165	210	249	December	836	237	1026	682
					1987				
3,450	22	171	210	249	January	840	239	1032	687
3,456	21	171	211	249	February	842	240	1036	686
3,465	21	170	210	249	March	845	240	1040	688
3,472	21	171	211	249	April	846	242	1045	688
3,481	21	173	211	250	May	847	242	1050	689
3,483	20	174	210	249	June	847	242	1052	689
3,493	20	174	210	250	July	850	243	1060	686
3,500	20	175	210	250	August	853	244	1062	686
3,505	20	175	210	251	September	856	244	1063	685
3,519	20	177	211	253	October	857	245	1067	690
3,533	20	179	211	252	November	859	246	1071	694
3,544	20	182	211	253	December	861	247	1077	693

[a]Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. Annual average data for each series are published on page 6. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January Review.

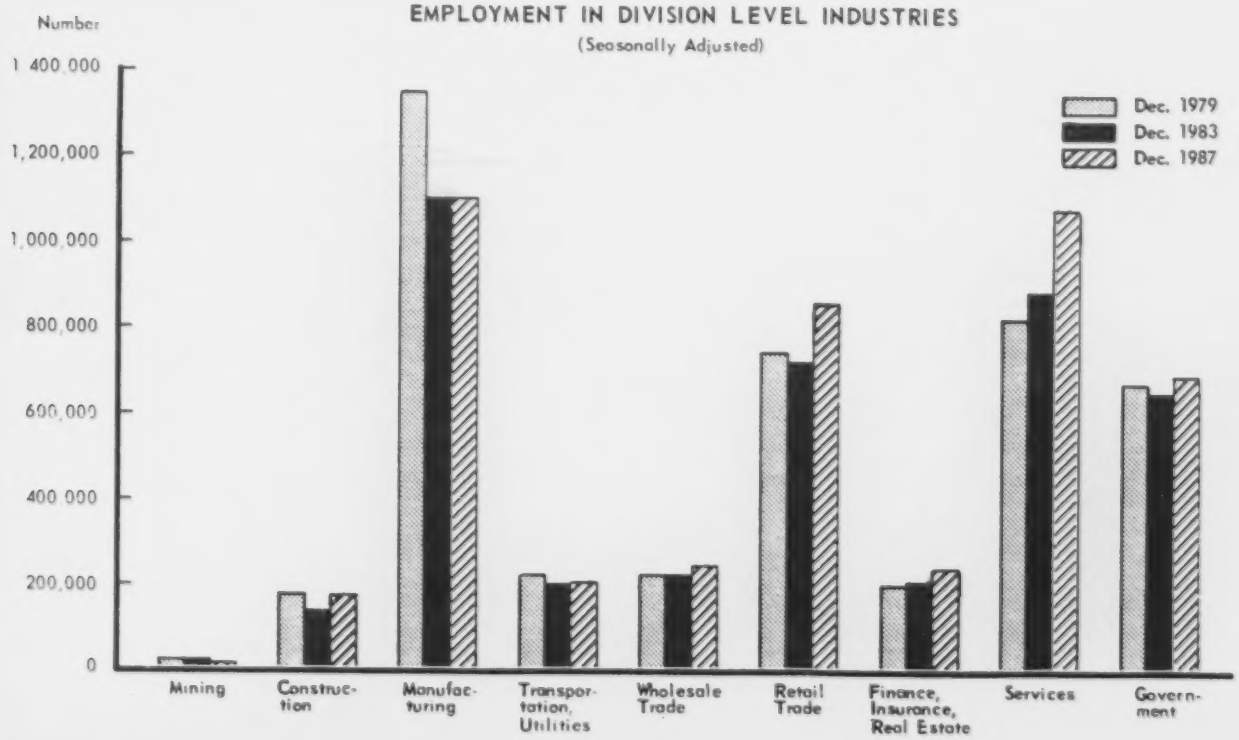
INDEXES OF TOTAL EMPLOYMENT
OHIO AND U.S.
(Seasonally Adjusted)



UNEMPLOYMENT RATES
OHIO AND U.S.
(Seasonally Adjusted)



EMPLOYMENT IN DIVISION LEVEL INDUSTRIES
(Seasonally Adjusted)



Nonseasonally Adjusted Estimates[a]

Ohio Civilian Labor Force Estimates

(in thousands)

Civilian Labor Force			Unemployment Rate		
Total	Employed	Unemployed	Ohio	U.S.	
4,751	4,380	370	7.8	7.7	1976
4,833	4,520	312	6.5	7.1	1977
4,959	4,690	268	5.4	6.1	1978
5,059	4,760	299	5.9	5.8	1979
5,089	4,663	426	8.4	7.1	1980
5,100	4,608	492	9.6	7.6	1981
5,114	4,474	640	12.5	9.7	1982
5,099	4,478	621	12.2	9.6	1983
5,089	4,609	480	9.4	7.5	1984
5,139	4,684	456	8.9	7.2	1985
5,234	4,809	426	8.1	7.0	1986
5,259	4,841	418	7.9	6.3	1986 December
5,196	4,744	452	8.7	7.3	1987 January
5,205	4,732	473	9.1	7.2	February
5,154	4,749	405	7.9	6.9	March
5,205	4,837	367	7.1	6.2	April
5,264	4,892	372	7.1	6.1	May
5,293	4,909	384	7.3	6.3	June
5,325	4,967	358	6.7	6.1	July
5,272	4,908	364	6.9	5.8	August
5,171	4,885	287	5.5	5.7	September
5,221	4,920	301	5.8	5.7	October
5,263	4,959	303	5.8	5.6	November
5,235	4,915	321	6.1	5.4	December

Ohio Nonagricultural Wage & Salary Employment

(in thousands)

Total Nonagricultural				
	Manufacturing			
		Durable	Nondurable	
4,094.6	1,295.3	910.6	384.6	1976
4,230.1	1,344.1	945.2	398.9	1977
4,394.9	1,377.2	974.5	402.7	1978
4,484.8	1,382.3	980.5	401.8	1979
4,367.4	1,264.3	882.6	381.8	1980
4,317.7	1,232.6	860.4	372.2	1981
4,124.3	1,099.9	752.4	347.5	1982
4,092.5	1,066.0	723.6	342.4	1983
4,260.2	1,127.0	773.4	353.6	1984
4,372.9	1,124.3	768.7	355.5	1985
4,475.2	1,109.3	753.2	356.1	1986
4,569.4	1,106.3	749.6	356.7	1986 December
4,466.2	1,095.7	741.2	354.6	1987 January
4,467.2	1,096.0	742.4	353.6	February
4,492.3	1,092.1	738.4	353.6	March
4,556.9	1,094.4	740.1	354.3	April
4,600.3	1,091.0	736.4	354.5	May
4,614.8	1,091.8	736.4	355.4	June
4,576.6	1,078.8	723.4	355.3	July
4,595.4	1,092.0	731.6	360.4	August
4,644.3	1,102.8	740.1	362.8	September
4,660.9	1,094.3	734.5	359.9	October
4,675.8	1,098.2	738.2	360.0	November
4,678.4	1,097.2	737.3	360.0	December

Ohio Nonmanufacturing Wage & Salary Employment

(in thousands)

Total Nonmanufacturing	Mining	Construction	Transportation & Public Utilities	Wholesale Trade		Retail Trade	Finance, Insurance, & Real Estate	Services	Government
2,799.3	28.2	154.2	213.7	208.4	1976	682.4	177.0	703.2	632.2
2,886.0	29.1	162.8	219.1	214.6	1977	703.2	183.4	731.4	642.3
3,017.7	29.0	176.6	225.0	226.0	1978	730.4	191.1	772.1	667.5
3,102.5	31.6	182.9	232.1	232.8	1979	742.4	200.6	806.2	674.0
3,103.0	30.7	167.4	223.1	230.6	1980	726.6	203.8	830.9	689.9
3,085.1	30.7	153.7	217.2	232.5	1981	717.7	205.8	851.6	676.0
3,024.4	30.3	134.6	206.8	226.0	1982	703.4	206.4	857.3	659.6
3,026.5	26.6	130.8	198.5	222.5	1983	711.0	207.8	873.3	656.1
3,133.1	27.8	144.8	203.9	236.7	1984	748.0	211.5	905.2	655.2
3,248.6	26.1	154.0	202.7	243.7	1985	787.9	219.3	949.5	665.2
3,366.0	22.7	160.8	205.5	246.0	1986	820.5	231.8	998.8	679.8
3,463.1	21.8	163.1	211.5	249.1	1986 December	865.1	237.1	1,017.4	698.0
3,370.4	21.2	144.7	205.1	246.7	1987 January	821.3	236.6	1,006.1	688.8
3,371.2	20.7	139.6	205.8	246.1	February	810.4	237.4	1,014.1	697.2
3,400.3	20.5	145.6	206.6	246.9	March	817.0	238.3	1,023.5	701.9
3,462.5	20.3	160.7	209.4	248.5	April	835.5	240.4	1,047.5	700.1
3,509.3	20.4	173.8	210.8	249.8	May	848.4	242.0	1,059.5	704.6
3,523.0	20.4	182.5	211.9	251.4	June	854.6	244.3	1,069.9	688.0
3,497.9	20.6	190.8	212.1	251.6	July	855.9	246.3	1,072.8	647.8
3,503.4	20.6	194.8	212.5	252.0	August	861.2	246.8	1,073.2	642.2
3,541.4	20.9	194.4	212.8	252.2	September	864.2	245.7	1,078.2	673.2
3,566.5	20.2	196.5	213.4	253.3	October	865.2	245.3	1,073.4	699.2
3,577.6	20.3	190.7	212.9	253.1	November	876.7	245.7	1,070.4	707.8
3,581.2	20.1	180.2	212.8	253.6	December	890.6	246.6	1,068.0	709.3

[a]Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages are computed from unrounded figures. All data exclude military personnel.

Employment, Hours & Earnings in Manufacturing in Ohio[a]

Manufacturing Employment
(in thousands)

Manufacturing				**Production Workers in Manufacturing**		
	Durable Goods	Nondurable Goods		Production Workers (in thous.)	Aggregate Weekly Payroll (in millions)	Aggregate Weekly Hours (in millions)
1,295.3	910.6	384.6	1976	926.1	233.9	38.2
1,344.1	945.2	398.9	1977	958.0	271.2	40.2
1,377.2	974.5	402.7	1978	985.5	302.5	41.5
1,382.3	980.5	401.8	1979	979.0	318.5	40.6
1,264.3	882.6	381.8	1980	867.8	301.9	35.2
1,232.6	860.4	372.2	1981	847.7	330.4	34.7
1,099.9	752.4	347.5	1982	735.7	297.1	29.5
1,066.0	723.6	342.4	1983	721.6	315.4	29.9
1,127.0	773.4	353.6	1984	781.5	362.3	33.1
1,124.3	768.7	355.5	1985	773.4	369.7	32.5
1,109.3	753.2	356.1	1986	758.0	368.9	31.9
			1986			
1,106.3	749.6	356.7	December	755.4	383.8	32.6
			1987			
1,095.7	741.2	354.6	January	746.3	375.1	31.9
1,096.0	742.4	353.6	February	747.3	373.0	31.7
1,092.1	738.4	353.6	March	744.9	371.4	31.7
1,094.4	740.1	354.3	April	748.5	369.0	31.5
1,091.0	736.4	354.5	May	745.2	370.9	31.7
1,091.8	736.4	355.4	June	745.5	371.6	31.8
1,078.8	723.4	355.3	July	731.6	355.0	30.7
1,092.0	731.6	360.4	August	745.4	367.0	31.5
1,102.8	740.1	362.8	September	756.7	378.4	32.2
1,094.3	734.5	359.9	October	749.4	378.1	32.1
1,098.2	738.2	360.0	November	754.2	385.8	32.6
1,097.2	737.3	360.0	December	753.5	389.7	32.8

Production Workers Average Weekly Earnings

Manufacturing			
	Durable Goods	Nondurable Goods	
$252.54	$258.75	$235.00	1976
283.08	292.02	258.34	1977
306.91	316.83	279.30	1978
325.36	335.30	297.78	1979
347.94	358.57	319.99	1980
389.78	401.64	358.16	1981
403.81	414.80	378.95	1982
437.18	452.35	402.52	1983
463.61	482.38	417.83	1984
477.96	499.56	425.80	1985
486.68	507.95	439.71	1986
			1986
508.15	531.14	454.92	December
			1987
502.58	524.96	449.53	January
499.05	520.88	446.71	February
498.53	519.95	448.86	March
492.99	514.25	443.72	April
497.68	517.45	450.78	May
498.42	517.37	453.95	June
485.20	501.76	450.02	July
492.37	510.00	453.36	August
500.12	516.67	461.92	September
504.50	524.02	461.07	October
511.49	531.57	466.90	November
517.22	536.55	472.51	December

Production Workers Average Weekly Hours

Manufacturing			
	Durable Goods	Nondurable Goods	
41.2	41.4	41.3	1976
42.0	42.2	41.4	1977
42.1	42.3	41.5	1978
41.5	41.6	41.1	1979
40.6	40.7	40.2	1980
40.9	40.9	40.7	1981
40.1	40.0	40.4	1982
41.4	41.5	41.2	1983
42.3	42.5	41.7	1984
42.0	42.3	41.3	1985
42.1	42.4	41.6	1986
			1986
43.1	43.5	42.2	December
			1987
42.7	43.1	41.7	January
42.4	42.8	41.4	February
42.5	42.9	41.6	March
42.1	42.5	41.2	April
42.5	42.8	41.7	May
42.6	42.9	41.8	June
41.9	42.2	41.4	July
42.3	42.5	41.9	August
42.6	42.7	42.3	September
42.9	43.2	42.3	October
43.2	43.5	42.6	November
43.5	43.8	42.8	December

Production Workers Average Hourly Earnings

Manufacturing			
	Durable Goods	Nondurable Goods	
$6.10	$6.25	$5.69	1976
6.74	6.92	6.24	1977
7.29	7.49	6.73	1978
7.84	8.06	7.25	1979
8.57	8.81	7.96	1980
9.53	9.82	8.80	1981
10.07	10.37	9.38	1982
10.56	10.90	9.77	1983
10.96	11.35	10.02	1984
11.38	11.81	10.31	1985
11.56	11.98	10.57	1986
			1986
11.79	12.21	10.78	December
			1987
11.77	12.18	10.78	January
11.77	12.17	10.79	February
11.73	12.12	10.79	March
11.71	12.10	10.77	April
11.71	12.09	10.81	May
11.70	12.06	10.86	June
11.58	11.89	10.87	July
11.64	12.00	10.82	August
11.74	12.10	10.92	September
11.76	12.13	10.90	October
11.84	12.22	10.96	November
11.89	12.25	11.04	December

[a]Estimated in cooperation with the U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Employment & Average Weekly Earnings in Selected Major Manufacturing Industries in Ohio[e]

Employment

(in thousands)

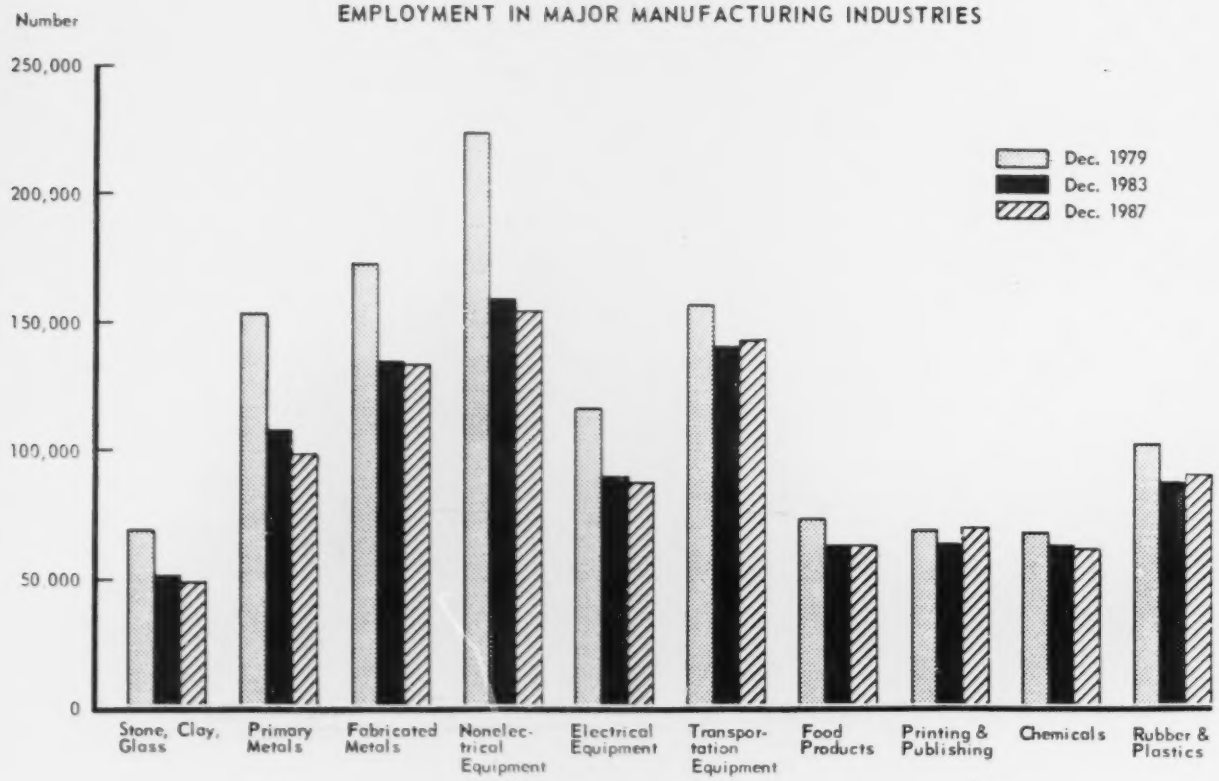
Stone, Clay & Glass Products	Primary Metal Industries	Fabricated Metal Products		Machinery, Except Electrical	Electric & Electronic Equipment	Transportation Equipment		Food & Kindred Products	Printing & Publishing	Rubber & Plastics Products
66.3	154.6	157.9	1976	205.9	115.5	143.0	1976	73.8	64.5	98.2
67.1	157.7	166.5	1977	210.7	120.9	151.8	1977	74.4	65.4	107.4
69.3	157.5	173.3	1978	216.7	122.2	164.1	1978	74.6	66.6	107.4
69.7	158.9	175.5	1979	223.6	117.6	165.8	1979	74.4	67.6	106.7
64.5	139.8	157.6	1980	211.4	106.4	139.1	1980	72.7	67.4	92.7
61.0	138.3	154.9	1981	204.2	101.9	136.9	1981	69.2	66.1	89.0
54.2	112.7	134.9	1982	176.7	93.4	121.7	1982	66.9	63.2	80.4
52.1	104.1	129.7	1983	154.3	89.4	132.1	1983	63.4	62.8	82.7
52.5	108.9	138.7	1984	167.3	93.1	144.9	1984	62.8	65.1	90.8
50.4	101.8	139.5	1985	166.2	90.7	151.2	1985	62.9	66.8	91.4
49.4	95.4	136.8	1986	158.7	89.8	153.5	1986	62.6	68.6	91.5
			1986				1986			
49.0	94.1	136.0	December	156.1	90.2	154.4	December	62.7	69.1	91.3
			1987				1987			
47.8	93.8	134.3	January	155.0	90.6	151.7	January	62.0	68.8	91.3
47.9	95.5	133.5	February	154.1	89.8	153.6	February	61.5	69.1	90.8
47.7	96.7	133.3	March	153.8	89.0	148.9	March	61.5	69.1	90.4
48.0	96.7	132.5	April	153.5	88.0	151.6	April	62.2	69.3	89.8
48.2	95.5	131.8	May	153.2	87.3	150.3	May	62.7	69.3	88.9
48.4	95.9	133.2	June	153.6	87.5	147.1	June	62.7	69.3	88.8
47.8	94.4	130.4	July	151.7	87.6	140.7	July	63.2	69.8	88.0
48.3	96.2	131.6	August	152.2	87.0	144.2	August	66.9	70.1	88.8
48.3	98.2	133.3	September	153.5	88.1	146.1	September	67.5	70.0	89.8
48.0	98.5	132.9	October	152.3	87.1	143.0	October	63.7	70.4	90.5
48.0	99.2	133.8	November	152.8	87.9	144.0	November	62.8	70.9	91.0
47.9	99.1	133.6	December	153.6	88.1	143.3	December	63.3	70.7	90.8

Average Weekly Earnings of Production Workers

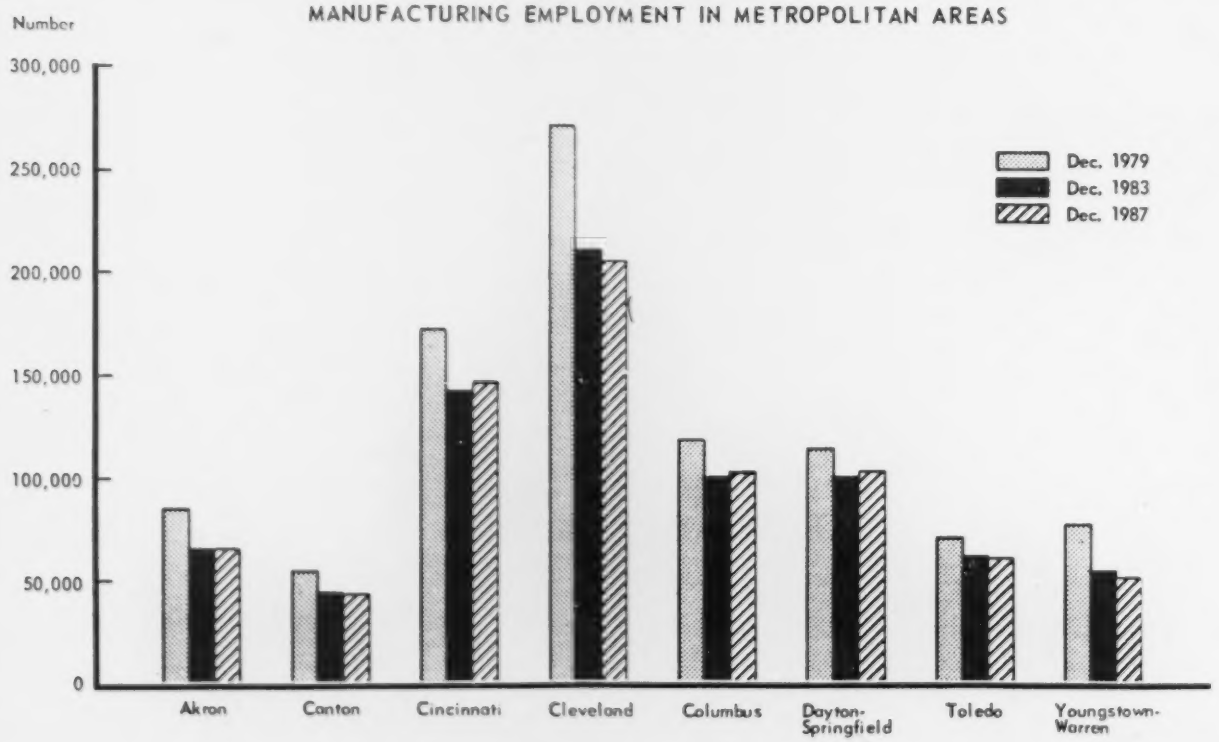
$232.40	$294.58	$256.68	1976	$253.31	$221.54	$302.87	1976	$242.92	$252.20	$237.30
253.95	329.54	290.44	1977	279.18	248.44	359.20	1977	258.54	271.96	263.97
274.81	366.24	307.23	1978	306.16	268.45	389.66	1978	281.15	285.18	282.73
293.34	395.43	323.38	1979	329.09	289.27	391.56	1979	304.50	302.62	300.66
315.43	422.01	349.34	1980	352.77	316.31	414.83	1980	329.85	320.92	323.61
348.02	484.04	389.61	1981	389.16	350.27	471.50	1981	362.75	347.70	368.67
376.88	480.54	398.77	1982	392.63	366.56	506.99	1982	386.04	358.45	381.11
400.57	503.85	460.65	1983	424.09	394.63	557.92	1983	403.79	375.62	412.25
419.15	537.21	475.30	1984	467.61	420.65	603.46	1984	419.19	386.30	419.99
434.30	548.83	492.15	1985	475.58	433.30	635.26	1985	413.25	395.14	429.17
443.81	559.93	494.91	1986	485.18	459.80	632.06	1986	416.83	410.70	438.96
			1986				1986			
441.00	596.23	515.70	December	510.82	489.89	656.48	December	436.77	429.46	444.19
			1987				1987			
441.31	593.61	515.91	January	498.53	473.61	647.91	January	438.46	416.96	443.59
440.67	590.46	510.27	February	499.80	457.47	646.46	February	435.77	420.53	433.82
449.35	587.80	506.75	March	506.32	463.29	640.46	March	436.60	415.56	438.35
447.68	595.35	491.82	April	495.33	461.61	630.08	April	430.56	414.02	431.38
457.52	594.49	495.33	May	497.14	463.14	634.04	May	440.11	418.88	435.27
453.46	599.86	501.50	June	505.36	457.32	628.65	June	445.79	422.28	441.58
446.42	597.64	473.20	July	494.89	449.21	604.07	July	434.92	420.81	436.60
440.96	603.90	484.26	August	489.41	458.43	628.00	August	435.11	432.06	443.65
460.31	630.20	484.88	September	489.41	452.08	634.36	September	453.64	444.24	437.38
451.76	601.12	503.43	October	510.85	466.07	652.50	October	432.22	442.18	453.44
457.53	614.66	511.06	November	521.70	475.58	653.43	November	444.15	446.00	454.31
451.98	612.86	524.79	December	523.03	479.36	662.76	December	454.94	454.90	455.52

[e]Estimated in cooperation with the U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision.

EMPLOYMENT IN MAJOR MANUFACTURING INDUSTRIES



MANUFACTURING EMPLOYMENT IN METROPOLITAN AREAS



Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	December 1987[b]	November 1987[c]	December 1986[c]	From Last Month	From Last Year
TOTAL	4678.4	4675.8	4569.4	2.6	109.1
MANUFACTURING	1097.2	1098.2	1106.3	- 1.0	- 9.0
Durable Goods[e]	737.3	738.2	749.6	- .9	- 12.4
Lumber and wood products	20.1	20.8	18.4	- .7	1.6
Furniture and fixtures	14.8	14.7	14.5	.1	.3
Stone, clay, and glass products	47.9	48.0	49.0	- .2	- 1.2
Glass and glassware, pressed or blown.	10.0	10.1	11.0	- .1	- 1.1
Primary metal industries	99.1	99.2	94.1	- .1	5.0
Blast furnace and basic steel products	46.2	45.8	42.1	.3	4.1
Iron and steel foundries	20.6	20.3	19.4	.4	1.2
Nonferrous rolling and drawing	17.3	17.7	17.8	- .4	- .5
Fabricated metal products	133.6	133.8	136.0	- .2	- 2.4
Cutlery, hand tools, and hardware	10.2	10.2	10.3	.0	- .1
Fabricated structural metal products	28.3	28.3	29.2	.0	- .9
Metal forgings and stampings	41.7	41.8	43.4	- .2	- 1.7
Machinery,except electrical	153.6	152.8	156.1	.8	- 2.5
Construction and related machinery	12.0	12.0	12.3	.1	- .3
Metal working machinery	38.6	38.5	40.3	.2	- 1.6
Special industry machinery	16.7	16.8	16.9	.0	- .1
General industrial machinery	26.7	26.3	27.6	.4	- .9
Office and computing machines	13.7	13.8	13.4	- .1	.3
Refrigeration and service machinery	16.5	16.3	16.7	.1	- .2
Electric and electronic equipment	88.1	87.9	90.2	.2	- 2.1
Electrical industrial apparatus	17.0	16.9	16.8	.1	.2
Household appliances	16.6	16.5	17.2	.1	- .6
Electric lighting and wiring equipment	17.4	17.3	18.0	.1	- .6
Communication equipment	9.9	9.9	10.6	.0	- .7
Transportation equipment	143.3	144.0	154.4	- .7	- 11.0
Motor vehicles and equipment	94.0	94.2	98.6	- .1	- 4.5
Aircraft and parts	39.9	40.4	46.5	- .5	- 6.5
Instruments and related products	22.7	22.7	23.0	.0	- .3
Measuring and controlling devices	12.3	12.3	12.2	.0	.1
Nondurable Goods[f]	360.0	360.0	356.7	.0	3.3
Food and kindred products	63.3	62.8	62.7	.5	.6
Meat products	9.9	9.9	9.6	.0	.3
Dairy products	10.6	10.4	10.1	.1	.4
Preserved fruits and vegetables	10.7	10.3	10.6	.3	.0
Bakery products	9.0	8.9	8.8	.1	.2
Beverages	9.8	9.7	10.0	.1	- .2
Apparel and other textile products	16.0	16.4	16.4	- .4	- .4
Paper and allied products	38.4	38.1	37.6	.3	.8
Misc. converted paper products	12.3	12.1	11.9	.1	.3
Paperboard containers and boxes	13.5	13.5	12.8	.0	.7
Printing and publishing	70.7	70.9	69.1	- .2	1.6
Newspapers	19.7	19.6	19.6	.1	.0
Commercial printing	26.7	26.9	26.2	- .2	.5
Chemicals and allied products	64.2	64.2	63.3	.0	1.0
Industrial inorganic chemicals	10.3	10.3	10.2	.1	.2
Rubber and misc. plastics products	90.8	91.0	91.3	- .2	- .4
Tires and inner tubes	16.1	16.1	18.0	.0	- 1.8
Miscellaneous plastics products	54.9	55.0	53.5	- .1	1.4

See footnotes on page 13.

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	December 1987[b]	November 1987[c]	December 1986[c]	From Last Month	From Last Year
NONMANUFACTURING	3581.2	3577.6	3463.1	3.6	118.1
MINING	20.1	20.3	21.8	- .2	- 1.6
Bituminous coal and lignite mining	8.7	8.7	9.8	- .1	- 1.1
Oil and gas extraction	6.6	6.5	7.4	.1	- .8
CONSTRUCTION	180.2	190.7	163.1	- 10.5	17.0
General building contractors	46.9	48.3	42.9	- 1.5	4.0
Heavy construction contractors	20.4	24.4	18.8	- 4.0	1.6
Highway and street construction	9.2	12.0	8.1	- 2.8	1.1
Special trade contractors	112.8	117.9	101.4	- 5.1	11.5
TRANSPORTATION AND PUBLIC UTILITIES	212.8	212.9	211.5	- .2	1.3
Railroad transportation	13.7	14.2	14.9	- .5	- 1.2
Transportation, except railroads	105.3	105.0	102.6	.3	2.8
Trucking and warehousing	73.6	73.0	72.0	.7	1.7
Communication, electric, gas services	93.7	93.8	94.0	- .1	- .3
Communication	52.9	52.9	52.3	.0	.6
Electric, gas, and sanitary services	40.8	40.9	41.7	.0	- .9
WHOLESALE TRADE	253.6	253.1	249.1	.5	4.5
Wholesale trade-durable goods	160.1	160.0	157.6	.1	2.5
Motor vehicles & automotive equipment	22.5	22.4	22.2	.1	.2
Electrical goods	21.2	21.1	21.2	.1	.0
Machinery, equipment, and supplies	68.7	68.8	67.8	- .1	.9
Wholesale trade-nondurable goods	93.5	93.1	91.5	.4	2.0
Groceries and related products	30.2	30.1	29.2	.1	1.1
RETAIL TRADE	890.6	876.7	865.1	14.0	25.5
General merchandise stores	129.8	123.5	131.3	6.3	- 1.5
Department stores	114.9	109.1	117.7	5.8	- 2.9
Food stores	135.6	133.9	133.4	1.7	2.2
Automotive dealers & service stations	96.0	96.3	92.3	- .3	3.6
Apparel and accessory stores	45.5	42.9	42.8	2.6	2.6
Eating and drinking places	303.2	303.0	293.3	.2	9.9
FINANCE, INSURANCE, AND REAL ESTATE	246.6	245.7	237.1	.8	9.4
Banking	63.2	63.0	62.2	.2	1.0
Credit agencies other than banks	39.1	38.9	37.8	.2	1.3
Insurance carriers	66.3	66.1	64.1	.2	2.2
Life insurance	24.1	24.0	23.8	.1	.3
Fire, marine, and casualty insurance	29.7	29.7	28.7	.0	1.0
SERVICES	1068.0	1070.4	1017.4	- 2.4	50.6
Hotels and other lodging places	33.6	33.8	32.9	- .2	.7
Personal services	58.5	57.9	55.4	.5	3.0
Laundry, cleaning, & garment services	19.2	19.3	18.5	.0	.7
Business services	221.6	221.1	201.2	.6	20.4
Services to buildings	30.5	30.5	28.2	.1	2.3
Computer and data processing services	20.7	20.5	18.7	.2	2.1
Amusement and recreation services	33.9	35.8	33.1	- 1.8	.8
Health services	366.1	365.1	352.0	.9	14.1
Nursing and personal care facilities	80.8	80.7	77.5	.1	3.3
Hospitals	178.5	178.4	173.4	.1	5.1
Educational services	60.6	62.2	61.2	- 1.7	- .7
Colleges and universities	31.9	33.6	33.3	- 1.7	- 1.4
GOVERNMENT	709.3	707.8	698.0	1.5	11.3
Federal government	95.8	94.9	94.0	.8	1.8
State government	160.9	159.7	156.5	1.2	4.4
State government education[1]	86.9	86.4	84.6	.5	2.3
State government, except education	74.0	73.3	71.9	.7	2.1
Local government	452.7	453.1	447.5	- .5	5.2
Local government education	267.1	267.0	263.7	.1	3.4
Local government, except education	185.6	186.2	183.8	- .6	1.8

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Dec. 1987[b]	Nov. 1987[c]	Dec. 1986[c]	Dec. 1987[b]	Nov. 1987[c]	Dec. 1986[c]	Dec. 1987[b]	Nov. 1987[c]	Dec. 1986[c]
MANUFACTURING	$517.22	$511.49	$508.15	43.5	43.2	43.1	$11.89	$11.84	$11.79
Durable Goods[e]	536.55	531.57	531.14	43.8	43.5	43.5	12.25	12.22	12.21
Lumber and wood products	302.95	302.17	292.09	41.5	41.0	40.4	7.30	7.37	7.23
Furniture and fixtures	368.11	359.51	359.11	41.5	40.9	42.1	8.87	8.79	8.53
Stone, clay, and glass products	451.98	457.53	441.00	42.4	42.8	41.1	10.66	10.69	10.73
Glass and glassware, pressed or blown.	460.12	469.45	466.09	39.7	40.4	40.6	11.59	11.62	11.48
Primary metal industries	612.86	614.66	596.23	44.8	44.8	44.1	13.68	13.72	13.52
Blast furnace and basic steel products	649.06	641.59	621.45	46.0	45.6	44.2	14.11	14.07	14.06
Iron and steel foundries	613.28	634.89	635.64	43.9	44.9	45.5	13.97	14.14	13.97
Nonferrous rolling and drawing	604.24	628.30	562.93	41.5	42.8	41.0	14.56	14.68	13.73
Fabricated metal products	524.79	511.06	515.70	44.1	43.2	43.3	11.90	11.83	11.91
Cutlery, hand tools, and hardware	495.14	496.90	484.00	41.4	41.1	40.3	11.96	12.09	12.01
Fabricated structural metal products	480.45	467.86	454.71	44.2	43.2	43.1	10.87	10.83	10.55
Metal forgings and stampings	646.81	620.65	664.02	45.2	43.8	45.7	14.31	14.17	14.53
Machinery, except electrical	523.03	521.70	510.82	44.4	44.1	43.4	11.78	11.83	11.77
Construction and related machinery	436.75	428.40	427.20	43.2	42.0	41.8	10.11	10.20	10.22
Metalworking machinery	517.33	504.87	490.31	45.3	44.6	43.7	11.42	11.32	11.22
Special industry machinery	520.04	499.49	481.00	44.6	43.7	43.1	11.66	11.43	11.16
General industrial machinery	529.74	546.75	526.25	43.6	44.2	43.1	12.15	12.37	12.21
Office and computing machines	455.91	426.82	431.21	45.5	43.2	44.5	10.02	9.88	9.69
Refrigeration and service machinery	594.15	582.34	614.90	43.4	42.6	43.0	13.69	13.67	14.30
Electric and electronic equipment	479.36	475.58	489.89	42.8	42.5	43.2	11.20	11.19	11.34
Electrical industrial apparatus	500.86	484.63	429.87	44.8	43.7	40.1	11.18	11.09	10.72
Household appliances	488.78	486.74	534.60	40.8	40.8	45.0	11.98	11.93	11.88
Electric lighting and wiring equipment	488.16	478.82	532.07	43.2	42.6	43.9	11.30	11.24	12.12
Communication equipment	492.66	488.87	488.38	42.0	41.5	41.6	11.73	11.78	11.74
Transportation equipment	662.76	653.43	656.48	44.6	44.3	45.4	14.86	14.75	14.46
Motor vehicles and equipment	678.63	674.18	674.97	44.5	44.5	45.3	15.25	15.15	14.90
Aircraft and parts	643.10	621.45	623.76	46.2	45.0	46.0	13.92	13.81	13.56
Instruments and related products	369.66	369.36	392.46	40.4	40.5	42.2	9.15	9.12	9.30
Measuring and controlling devices	352.74	352.94	369.33	38.3	38.7	39.5	9.21	9.12	9.35
Nondurable Goods[f]	472.51	466.90	454.92	42.8	42.6	42.2	11.04	10.96	10.78
Food and kindred products	454.94	444.15	436.77	43.0	42.3	42.2	10.58	10.50	10.35
Meat products	390.83	397.03	374.22	41.8	42.6	40.5	9.35	9.32	9.24
Dairy products	474.34	464.10	469.37	43.2	42.5	43.5	10.98	10.92	10.79
Preserved fruits and vegetables	478.73	452.52	422.06	43.6	41.9	41.5	10.98	10.80	10.17
Bakery products	468.33	472.28	462.56	40.2	40.4	39.4	11.65	11.69	11.74
Beverages	426.83	413.03	420.16	41.2	40.1	42.1	10.36	10.30	9.98
Apparel and other textile products	309.46	299.60	272.19	40.4	40.0	37.7	7.66	7.49	7.22
Paper and allied products	494.60	492.62	503.10	44.2	44.3	44.8	11.19	11.12	11.23
Misc. converted paper products	446.32	441.23	468.00	43.8	43.6	45.0	10.19	10.12	10.40
Paperboard containers and boxes	427.85	428.67	434.30	42.7	43.3	43.0	10.02	9.90	10.10
Printing and publishing	454.90	446.00	429.46	40.4	40.0	39.4	11.26	11.15	10.90
Newspapers	370.25	390.20	376.88	34.7	35.7	36.1	10.67	10.93	10.44
Commercial printing	459.14	441.79	414.47	42.2	41.6	39.7	10.88	10.62	10.44
Chemicals and allied products	581.17	562.89	534.06	44.5	43.5	43.0	13.06	12.94	12.42
Industrial inorganic chemicals	632.50	627.88	559.99	46.0	45.4	42.2	13.75	13.83	13.27
Rubber and misc. plastics products	455.52	454.31	444.19	43.3	43.6	43.0	10.52	10.42	10.33
Tires and inner tubes	651.32	657.95	611.88	45.9	46.4	44.5	14.19	14.18	13.75
Miscellaneous plastics products	437.84	436.46	434.02	42.8	43.3	43.1	10.23	10.08	10.07

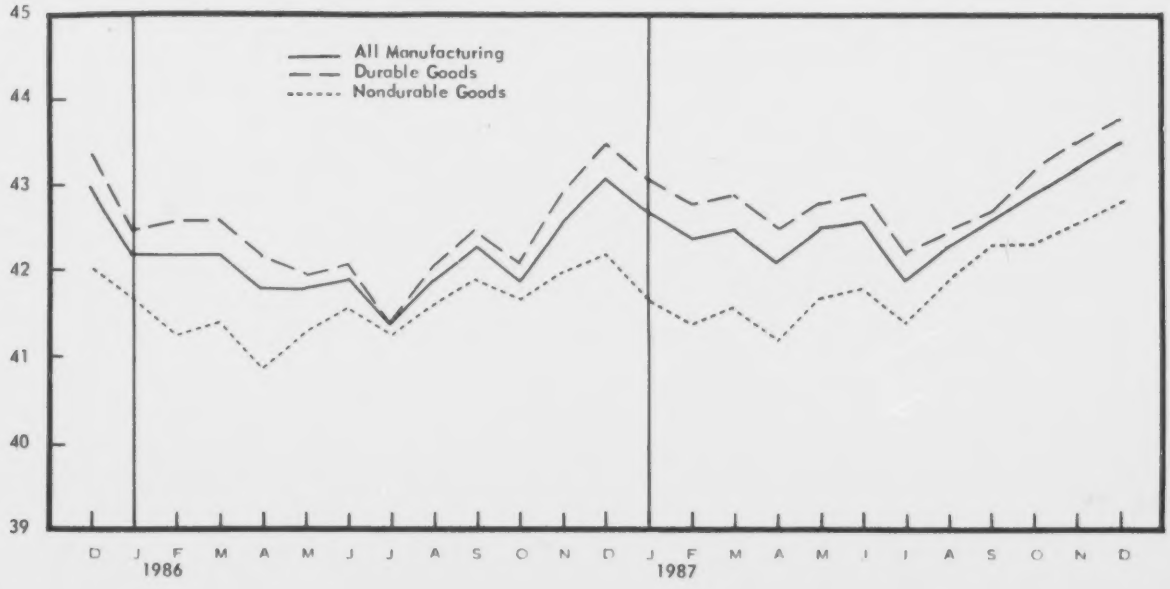
See footnotes on page 13.

Hours & Earnings of Production or Nonsupervisory Workers[a]

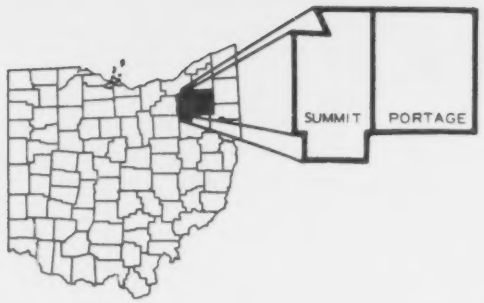
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Dec. 1987[b]	Nov. 1987[c]	Dec. 1986[c]	Dec. 1987[b]	Nov. 1987[c]	Dec. 1986[c]	Dec. 1987[b]	Nov. 1987[c]	Dec. 1986[c]
MINING	$536.74	$543.37	$551.89	42.7	43.4	44.4	$12.57	$12.52	$12.43
Bituminous coal and lignite mining	667.40	655.78	648.06	42.7	42.5	42.0	15.63	15.43	15.43
CONSTRUCTION	574.37	589.25	557.78	38.6	39.6	38.1	14.88	14.88	14.64
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	558.81	558.81	553.73	40.7	40.7	41.2	13.73	13.73	13.44
Communication	540.95	541.35	549.92	40.1	40.1	41.1	13.49	13.50	13.38
Electric, gas, and sanitary services	583.08	582.25	559.73	41.5	41.5	41.4	14.05	14.03	13.52
WHOLESALE TRADE	385.88	386.50	374.22	39.7	39.6	39.6	9.72	9.76	9.45
Wholesale trade-durable goods	377.70	378.97	368.28	39.8	39.6	39.6	9.49	9.57	9.30
Wholesale trade-nondurable goods	399.74	399.17	383.72	39.5	39.6	39.6	10.12	10.08	9.69
RETAIL TRADE[h]	167.03	161.03	162.09	29.1	28.3	29.1	5.74	5.69	5.57
General merchandise stores	179.63	171.08	181.62	29.4	28.0	31.1	6.11	6.11	5.84
Department stores	184.08	174.72	186.91	29.5	28.0	31.1	6.24	6.24	6.01
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	.....	.....	.....
Banking	260.39	258.76	253.44	....	....	....	.....	.....	.....
Credit agencies other than banks	257.10	255.02	247.74	....	....	....	.....	.....	.....
Insurance carriers	358.57	354.50	343.24	....	....	....	.....	.....	.....
SERVICES	.....	.....	.....	....	....	....	.....	.....	.....
Health services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	331.91	332.23	322.68	32.7	32.7	33.3	10.15	10.16	9.69

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [h]Money payments only; tips not included. [i]Includes State universities, State schools for deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS IN OHIO MANUFACTURING INDUSTRIES



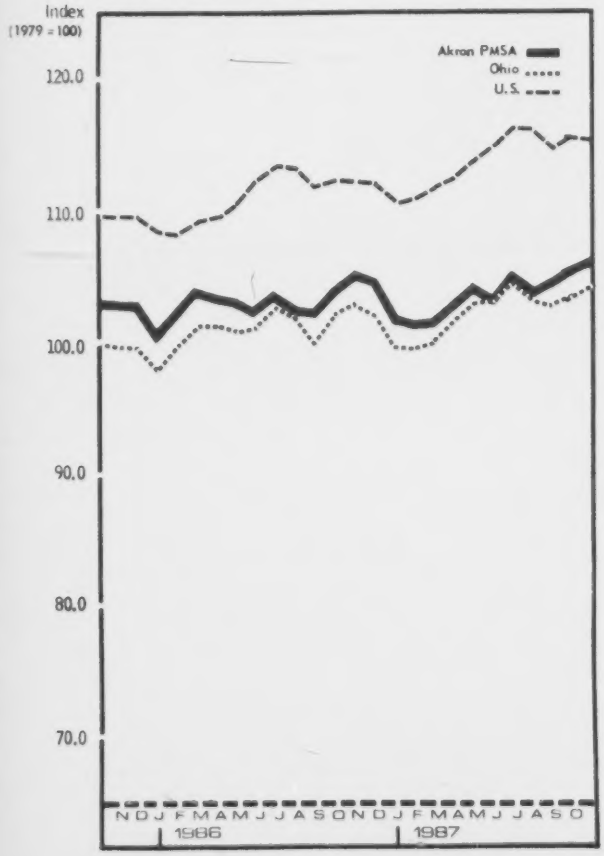
AKRON
PRIMARY METROPOLITAN STATISTICAL AREA



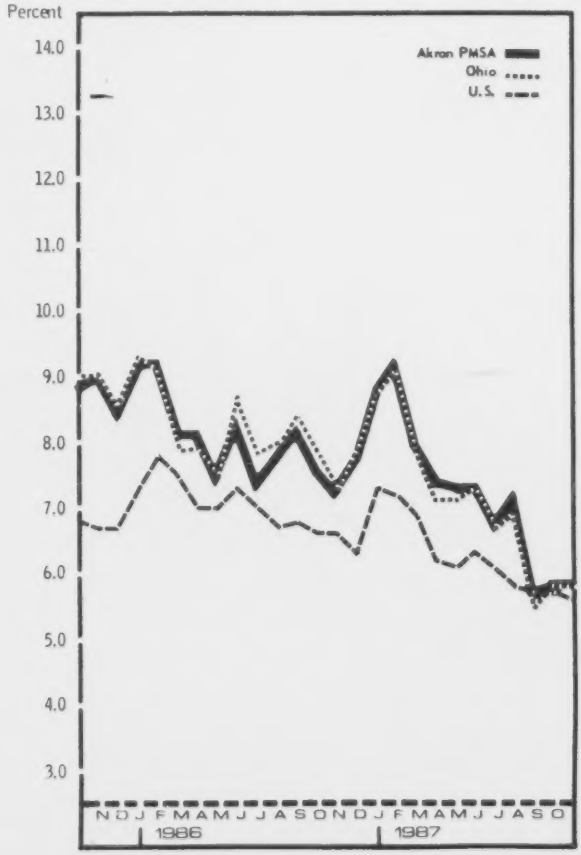
In the Akron metropolitan area, December nonagricultural wage and salary employment totaled 272,500, an improvement of 200 from November. Employment in manufacturing lost 200 jobs due primarily to a decline in fabricated metal products. Nonmanufacturing employment increased 400 over the month. Seasonal decreases in construction were more than offset by seasonal advances in retail trade, especially general merchandise stores, and in local government education. Manufacturing production workers averaged a 44.4 hour workweek, up 1.3 hours from November. Their average hourly earnings increased $.14, to $11.38 in December.

Nonfarm wage and salary employment advanced 6,100 since December 1986 due to growth in nonmanufacturing industries. Significant gains were recorded in services, retail trade, and state and local government education. Manufacturing employment declined 1,800 over the period with notable losses in tires and inner tubes and fabricated metal products.

INDEXES OF TOTAL EMPLOYMENT
AKRON PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
AKRON PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



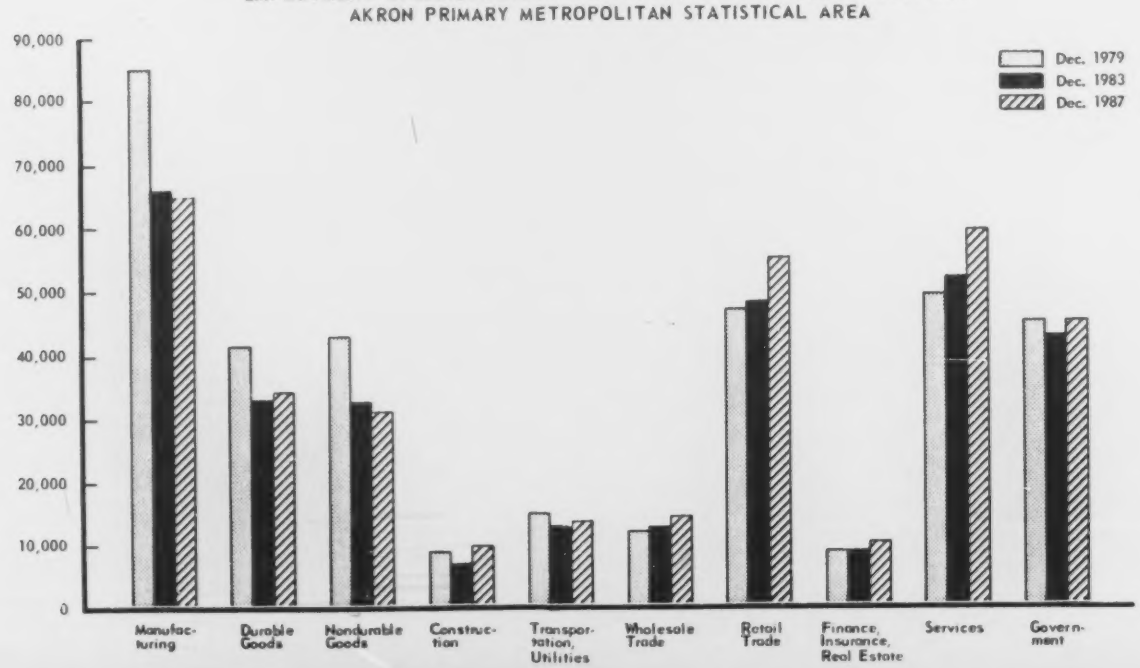
AKRON PMSA LABOR FORCE & EMPLOYMENT DATA

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
291.3	266.3	25.0	8.6	1976	247.3	80.3	44.5	$253.44	42.1	$ 6.02
294.2	274.7	19.5	6.6	1977	259.3	85.6	49.2	285.53	42.3	6.75
298.9	282.2	16.7	5.6	1978	266.6	85.9	49.4	304.14	42.3	7.19
303.8	285.4	18.4	6.1	1979	270.9	85.6	53.8	321.57	41.6	7.73
304.5	278.3	26.2	8.6	1980	262.4	79.1	47.5	361.88	41.5	8.72
304.1	274.9	29.1	9.6	1981	259.5	75.7	43.7	397.10	41.8	9.50
303.9	268.0	35.9	11.8	1982	248.8	68.3	36.9	403.03	41.0	9.83
302.5	265.2	37.3	12.3	1983	244.7	65.2	33.4	452.12	43.1	10.49
316.5	285.8	30.6	9.7	1984	252.2	67.9	38.0	470.65	43.7	10.77
317.8	289.9	28.0	8.8	1985	257.6	68.1	37.3	475.20	43.2	11.00
319.5	293.9	25.6	8.0	1986	260.0	66.8	36.2	484.70	43.2	11.22
				1986						
323.4	300.2	23.2	7.2	November	265.7	66.7	36.2	491.62	43.2	11.38
322.9	297.8	25.2	7.8	December	266.4	67.0	36.3	498.08	43.5	11.45
				1987						
318.2	290.0	28.1	8.8	January	259.5	66.6	36.2	489.62	43.1	11.36
318.0	288.7	29.2	9.2	February	259.2	66.2	35.9	487.05	42.5	11.46
314.4	289.3	25.1	8.0	March	260.5	65.2	35.4	483.64	42.8	11.30
316.9	293.4	23.5	7.4	April	263.4	64.7	34.9	483.75	43.0	11.25
320.9	297.5	23.4	7.3	May	266.8	64.5	35.0	487.19	43.0	11.33
317.3	294.3	23.1	7.3	June	262.8	64.5	35.0	488.32	43.1	11.33
321.3	299.8	21.6	6.7	July	262.9	64.2	34.9	469.42	42.1	11.15
318.8	295.7	23.1	7.2	August	263.1	64.3	35.0	482.36	43.3	11.14
316.3	298.1	18.2	5.7	September	270.1	65.3	36.0	488.42	43.3	11.28
319.7	301.0	18.7	5.8	October	271.8	65.0	35.9	487.73	43.2	11.29
321.5	302.9	18.6	5.8	November	272.2	65.4	36.2	484.44	43.1	11.24
INA	INA	INA	INA	December	272.5	65.2	36.1	505.27	44.4	11.38

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
AKRON PRIMARY METROPOLITAN STATISTICAL AREA



Akron PMSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	December 1987[b]	November 1987[c]	December 1986[c]	From Last Month	From Last Year
TOTAL	272.5	272.2	266.4	.2	6.1
MANUFACTURING	65.2	65.4	67.0	- .2	- 1.8
Durable Goods[e]	34.5	34.7	34.9	- .2	- .4
Fabricated metal products	12.6	12.8	13.0	- .2	- .5
Machinery, except electrical	9.4	9.4	9.2	.0	.1
Metalworking machinery	3.1	3.1	3.0	.0	.2
Nondurable Goods[f]	30.7	30.7	32.1	.0	- 1.4
Food and kindred products	2.8	2.8	2.7	.0	.1
Chemicals and allied products	3.0	3.0	2.9	.0	.1
Rubber and misc. plastics products	19.3	19.3	20.9	.1	- 1.6
Tires and inner tubes	11.7	11.7	13.7	.0	- 1.9
NONMANUFACTURING[g]	207.3	206.9	199.4	.4	7.9
CONSTRUCTION	10.0	10.9	8.9	- .9	1.0
TRANSPORTATION AND PUBLIC UTILITIES	13.6	13.6	13.2	.0	.3
Communication, electric, gas services	5.5	5.5	5.4	.0	.1
WHOLESALE TRADE	13.8	13.7	13.8	.0	.0
RETAIL TRADE	54.9	54.0	53.3	.9	1.6
General merchandise stores	7.6	7.3	8.0	.3	- .4
FINANCE, INSURANCE, AND REAL ESTATE	10.5	10.5	10.3	.0	.2
Banking	3.1	3.1	3.1	.0	.0
SERVICES	58.9	58.7	55.2	.1	3.7
Business services	11.6	11.4	10.6	.2	1.0
Amusement and recreation services	3.1	3.1	2.4	.0	.6
Health services	18.5	18.4	17.7	.1	.8
GOVERNMENT	45.0	44.7	44.0	.3	1.0
State government	16.6	16.6	15.9	.1	.8
State government education[i]	13.7	13.6	13.0	.1	.7
State government, except education	2.9	2.9	2.9	.0	.0
Local government	25.8	25.8	25.8	.1	.1
Local government education	15.0	14.7	14.5	.3	.5
Local government, except education	10.9	11.1	11.3	- .2	- .5

Akron PMSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

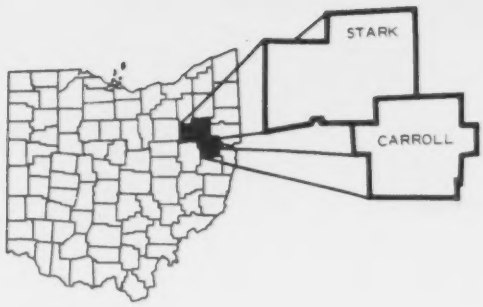
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Dec. 1987[b]	Nov. 1987[c]	Dec. 1986[c]	Dec. 1987[b]	Nov. 1987[c]	Dec. 1986[c]	Dec. 1987[b]	Nov. 1987[c]	Dec. 1986[c]
MANUFACTURING	$505.27	$484.44	$498.08	44.4	43.1	43.5	$11.38	$11.24	$11.45
Durable Goods[e]	519.92	495.36	526.55	44.4	43.0	44.1	11.71	11.52	11.94
Fabricated metal products	614.88	585.59	660.66	44.3	42.9	46.2	13.88	13.65	14.30
Machinery, except electrical	476.63	455.17	448.63	46.5	44.8	44.2	10.25	10.16	10.15
Metalworking machinery	507.30	501.96	454.67	47.5	47.0	44.1	10.68	10.68	10.31
Nondurable Goods[f]	481.98	466.99	457.74	44.3	43.2	42.7	10.88	10.81	10.72
Food and kindred products	490.81	468.50	479.57	44.7	43.5	44.2	10.98	10.77	10.85
Chemicals and allied products	515.93	517.28	462.59	44.4	43.8	41.6	11.62	11.81	11.12
Rubber and misc. plastics products	484.64	482.45	485.53	44.3	44.1	44.3	10.94	10.94	10.96
Tires and inner tubes	731.91	731.43	674.86	47.9	47.9	46.8	15.28	15.27	14.42
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	568.10	567.69	559.37	40.9	40.9	41.1	13.89	13.88	13.61
WHOLESALE TRADE	334.13	334.15	320.17	37.5	37.8	37.8	8.91	8.84	8.47
RETAIL TRADE[h]	203.42	198.67	200.32	32.6	32.2	32.0	6.24	6.17	6.26

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	December 1987	November 1987	December 1986
Employment Service Program			
New Applicants	2,276	2,262	2,315
Active File of Job Seekers	16,067	17,533	20,194
Referrals to Jobs	813	937	720
Placements	258	185	188
Job Openings Received	519	417	355
Job Openings Unfilled	717	1,117	506
Unemployment Insurance Program			
Initial Claims	5,356	3,315	5,949
Continued Claims	30,770	21,116	35,499
First Payments	1,888	1,039	1,928
Last Payments	416	376	370
Weeks Compensated	22,733	15,138	22,890
Benefits Paid	$3,406,954	$2,251,949	$3,357,683
Average Weekly Payment	$153.99	$152.84	$150.40

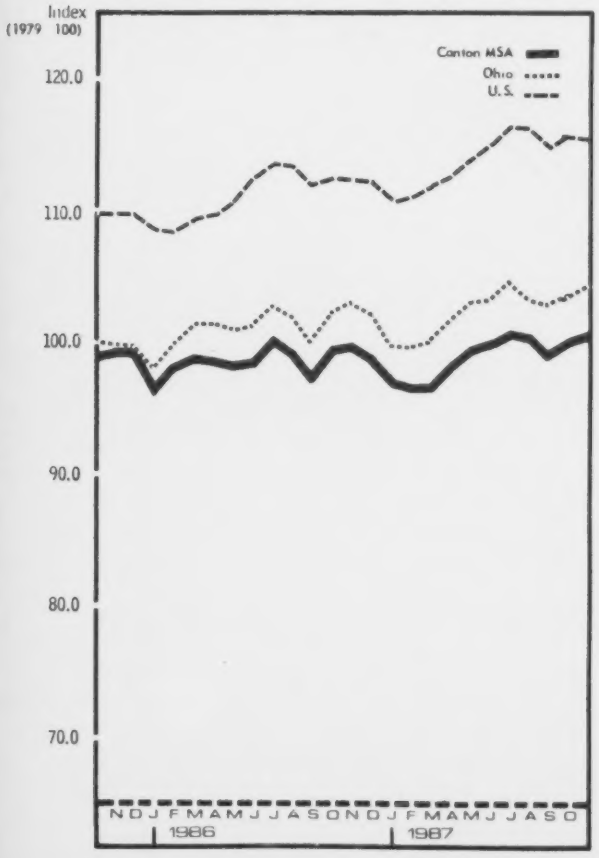
CANTON
METROPOLITAN STATISTICAL AREA



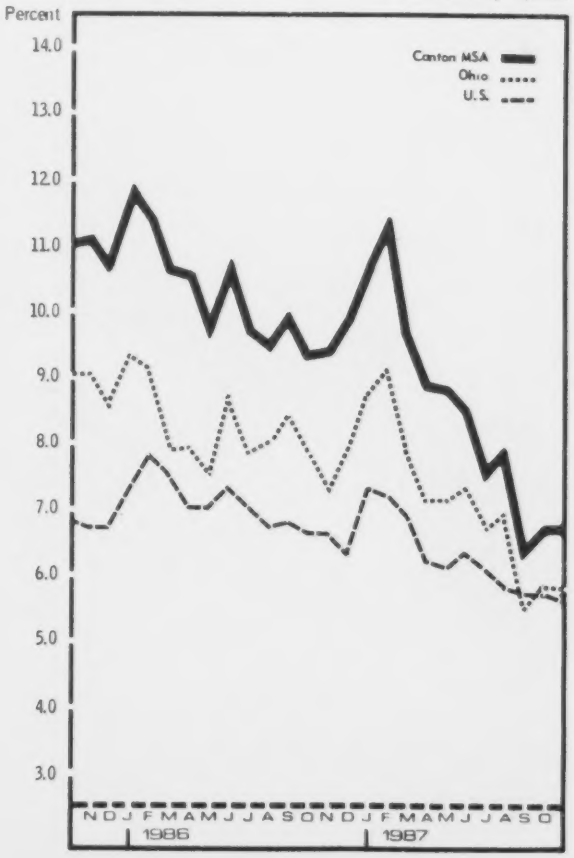
Nonagricultural wage and salary employment for the Canton area increased slightly from November, to 157,800 in December. Manufacturing employment registered a moderate increase of 100 jobs for a total of 42,600, while nonmanufacturing remained unchanged. Manufacturing production workers averaged a 43.1 hour workweek, up 1.0 hours from November. Their average hourly earnings increased slightly, to $11.37.

Since December 1986, nonagricultural wage and salary employment expanded 3,400 jobs. Increases in retail trade, construction, and services accounted for the growth. Declines in fabricated metal products contributed to a reduction of 300 in manufacturing employment over the year.

INDEXES OF TOTAL EMPLOYMENT
CANTON MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CANTON MSA, OHIO, AND U.S. (Not Seasonally Adjusted)

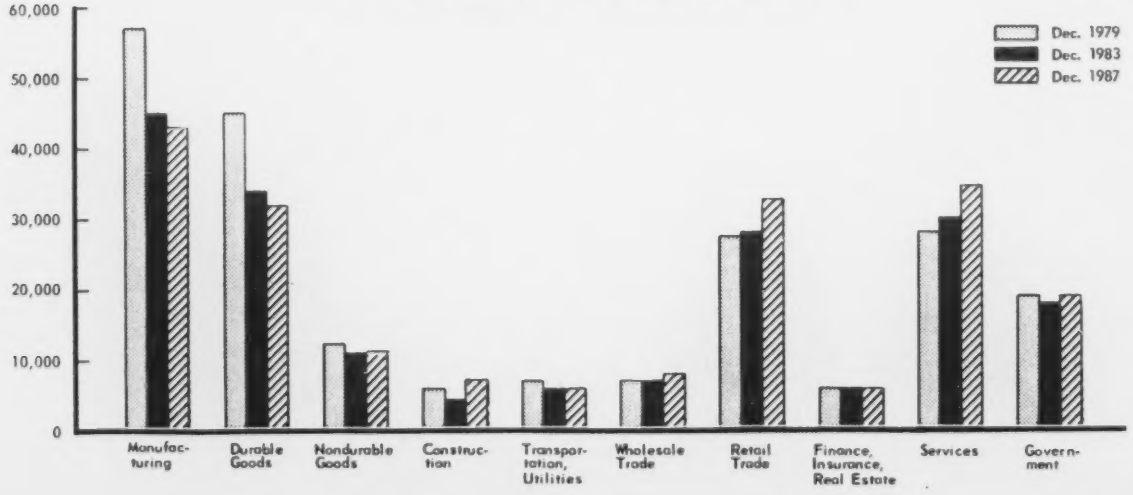


CANTON MSA LABOR FORCE & EMPLOYMENT DATA
(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
174.4	158.6	15.8	9.1	1976	145.9	54.8	40.4	$244.73	39.6	$ 6.18
175.9	163.1	12.9	7.3	1977	149.8	56.0	41.1	273.14	39.7	6.88
179.9	170.0	9.9	5.5	1978	156.1	57.1	42.2	304.67	40.3	7.56
184.3	173.7	10.6	5.7	1979	160.8	59.1	43.2	330.88	40.9	8.09
187.7	170.9	16.8	8.9	1980	157.1	55.7	40.1	342.81	39.0	8.79
188.4	170.1	18.2	9.7	1981	156.6	54.8	39.6	390.40	40.0	9.76
191.4	164.3	27.0	14.1	1982	148.6	47.6	33.3	394.49	38.6	10.22
187.0	159.5	27.5	14.7	1983	143.4	43.5	30.6	422.14	39.6	10.66
188.1	168.1	19.9	10.6	1984	149.1	46.4	33.6	437.53	40.4	10.83
189.5	169.5	20.0	10.6	1985	151.5	46.2	33.8	435.81	39.8	10.95
190.3	171.0	19.4	10.2	1986	151.8	43.5	30.9	451.76	40.3	11.21
				1986						
191.1	173.2	18.0	9.4	November	154.2	43.0	30.5	471.33	41.2	11.44
190.3	171.5	18.7	9.9	December	154.4	42.8	30.2	476.94	41.8	11.41
				1987						
188.2	168.1	20.1	10.7	January	151.3	42.7	30.2	483.19	42.2	11.45
189.2	167.6	21.6	11.4	February	151.2	42.9	30.2	476.70	42.0	11.35
185.7	167.6	18.1	9.7	March	151.7	42.7	30.1	477.12	42.0	11.36
187.3	170.6	16.7	8.9	April	153.9	42.7	30.2	471.03	41.5	11.35
189.2	172.6	16.7	8.8	May	155.6	42.5	30.1	486.35	42.7	11.39
189.7	173.5	16.2	8.5	June	156.4	42.5	30.1	479.39	42.2	11.36
189.1	175.0	14.1	7.5	July	154.8	41.7	29.5	470.50	41.6	11.31
188.8	173.9	14.8	7.9	August	156.1	42.2	30.2	460.73	41.1	11.21
183.7	172.1	11.6	6.3	September	156.8	42.5	30.5	468.95	41.5	11.30
186.2	173.8	12.4	6.7	October	157.6	42.4	30.5	476.52	41.8	11.40
187.3	174.9	12.5	6.7	November	157.7	42.5	30.6	475.73	42.1	11.30
INA	INA	INA	INA	December	157.8	42.6	30.6	490.05	43.1	11.37

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CANTON METROPOLITAN STATISTICAL AREA



Canton MSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	December 1987[b]	November 1987[c]	December 1986[c]	From Last Month	From Last Year
TOTAL	157.8	157.7	154.4	.1	3.4
MANUFACTURING	42.6	42.5	42.8	.1	- .3
Durable Goods[e]	31.5	31.4	31.5	.0	- .1
Primary metal industries	10.3	10.2	9.9	.1	.4
Fabricated metal products	6.1	6.1	6.7	.0	- .6
Metal forgings and stampings	2.0	2.0	2.3	.0	- .3
Nondurable Goods[f]	11.1	11.0	11.3	.1	- .2
Food and kindred products	3.6	3.5	3.8	.1	- .2
Rubber and misc. plastics products	2.8	2.8	2.7	.0	.1
NONMANUFACTURING[g]	115.2	115.3	111.6	.0	3.7
CONSTRUCTION	6.9	7.3	5.8	- .3	1.2
TRANSPORTATION AND PUBLIC UTILITIES	6.1	6.1	6.0	.0	.1
Communication, electric, gas services	2.7	2.7	2.7	.0	.0
WHOLESALE TRADE	8.1	8.1	8.1	.0	.0
Wholesale trade-durable goods	4.5	4.5	4.6	.0	- .1
RETAIL TRADE	33.3	32.8	32.0	.5	1.3
General merchandise stores	4.6	4.4	4.6	.2	.0
Food stores	5.4	5.3	5.2	.0	.1
FINANCE, INSURANCE, AND REAL ESTATE	6.5	6.5	6.5	.0	.0
Banking	1.9	1.9	1.9	.0	.0
SERVICES	34.7	34.8	33.7	- .1	.9
Health services	14.9	15.0	14.5	.0	.4
GOVERNMENT	18.6	18.6	18.4	.0	.2
State government (includes education)	1.7	1.7	1.7	.0	.0
Local government	15.5	15.5	15.3	.0	.2
Local government education	9.0	9.0	9.4	.0	- .3
Local government, except education	6.4	6.5	5.9	.0	.5

Hours & Earnings of Production or Nonsupervisory Workers[a]

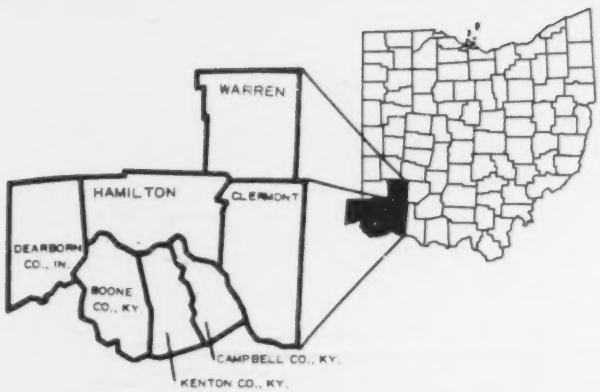
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Dec. 1987[b]	Nov. 1987[c]	Dec. 1986[c]	Dec. 1987[b]	Nov. 1987[c]	Dec. 1986[c]	Dec. 1987[b]	Nov. 1987[c]	Dec. 1986[c]
MANUFACTURING	$490.05	$475.73	$476.94	43.1	42.1	41.8	$11.37	$11.30	$11.41
Durable Goods[e]	513.04	494.28	501.17	44.0	42.5	42.4	11.66	11.63	11.82
Primary metal industries	572.66	558.12	547.39	44.6	43.4	43.0	12.84	12.86	12.73
Fabricated metal products	459.46	456.96	502.10	42.9	42.0	42.3	10.71	10.88	11.87
Metal forgings and stampings	628.12	627.94	640.15	42.7	42.2	43.4	14.71	14.88	14.75
Nondurable Goods[f]	421.83	415.95	406.21	40.6	40.7	40.1	10.39	10.22	10.13
Food and kindred products	451.69	430.94	452.24	41.1	40.2	41.3	10.99	10.72	10.95
Rubber and misc. plastics products	440.73	433.84	420.09	41.5	41.2	41.8	10.62	10.53	10.05
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	557.47	563.33	544.66	40.9	41.3	41.2	13.63	13.64	13.22
WHOLESALE TRADE	375.34	389.78	353.35	38.3	38.9	35.8	9.80	10.02	9.87
RETAIL TRADE[h]	159.10	156.02	156.51	29.3	29.0	29.2	5.43	5.38	5.36

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile mill products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	December 1987	November 1987	December 1986
Employment Service Program			
New Applicants	1,294	1,202	1,708
Active File of Job Seekers	10,784	10,895	17,939
Referrals to Jobs	578	950	955
Placements	209	153	178
Job Openings Received	410	452	501
Job Openings Unfilled	577	600	286
Unemployment Insurance Program			
Initial Claims	3,982	2,424	5,403
Continued Claims	14,585	13,221	28,750
First Payments	1,078	646	1,441
Last Payments	215	169	317
Weeks Compensated	12,052	8,871	19,993
Benefits Paid	$1,639,133	$1,205,218	$2,869,280
Average Weekly Payment	$141.33	$142.84	$149.78

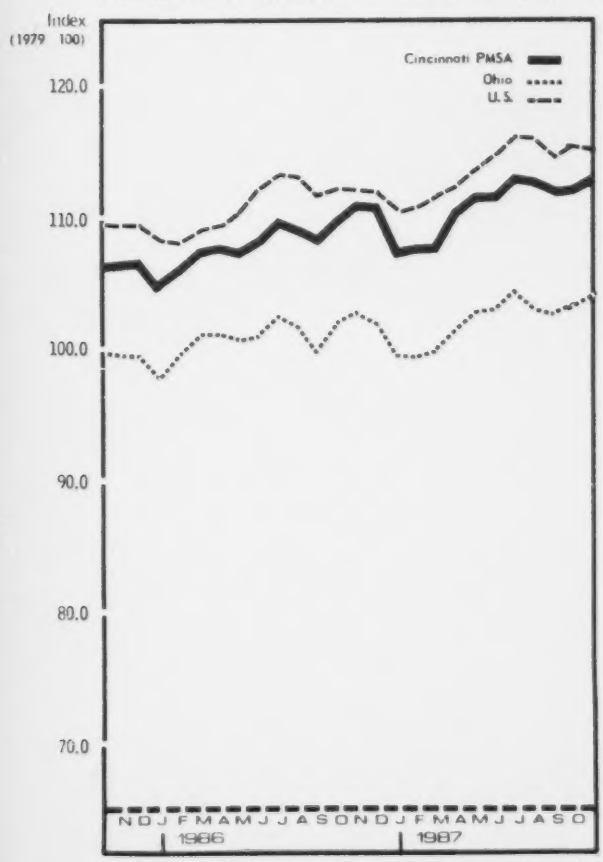
CINCINNATI
PRIMARY METROPOLITAN STATISTICAL AREA



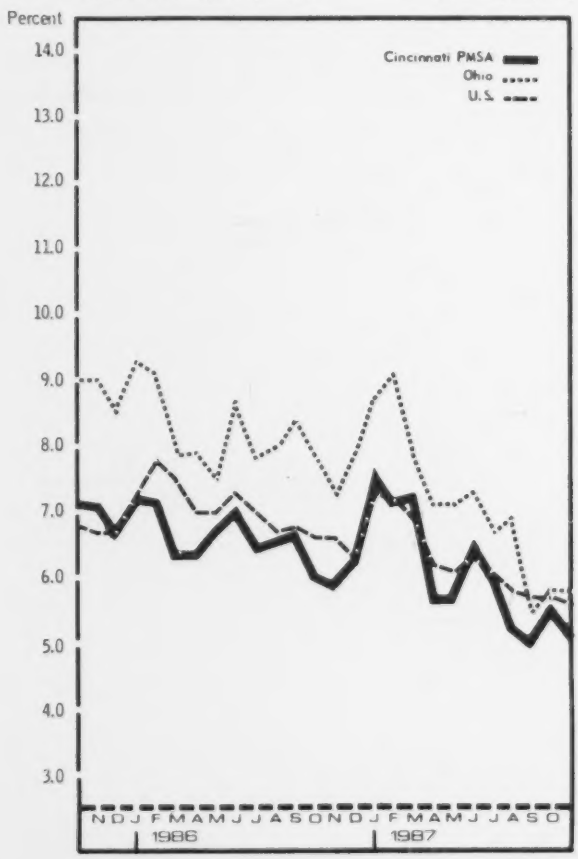
Nonagricultural wage and salary employment in the Cincinnati metropolitan area was 694,100 in December, up 1,900 from November. Manufacturing employment, at 146,200, improved slightly over the month. Nonmanufacturing employment increased 1,700 as seasonal gains in retail trade, amusement and recreation services, and federal government more than offset seasonal declines in construction. Factory production workers earned an average of $11.10 per hour, up $.08 from November. The average workweek, 44.0 hours, was .7 hours longer.

Since December 1986, nonfarm employment increased 25,000. Growth in retail trade, business and health services, and construction contributed most to the improvement, although nearly all nonmanufacturing sectors recorded gains. Manufacturing employment lost 2,400 workers over the year, as reductions in motor vehicles and equipment overshadowed gains in nondurable-goods industries.

INDEXES OF TOTAL EMPLOYMENT
CINCINNATI PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CINCINNATI PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)

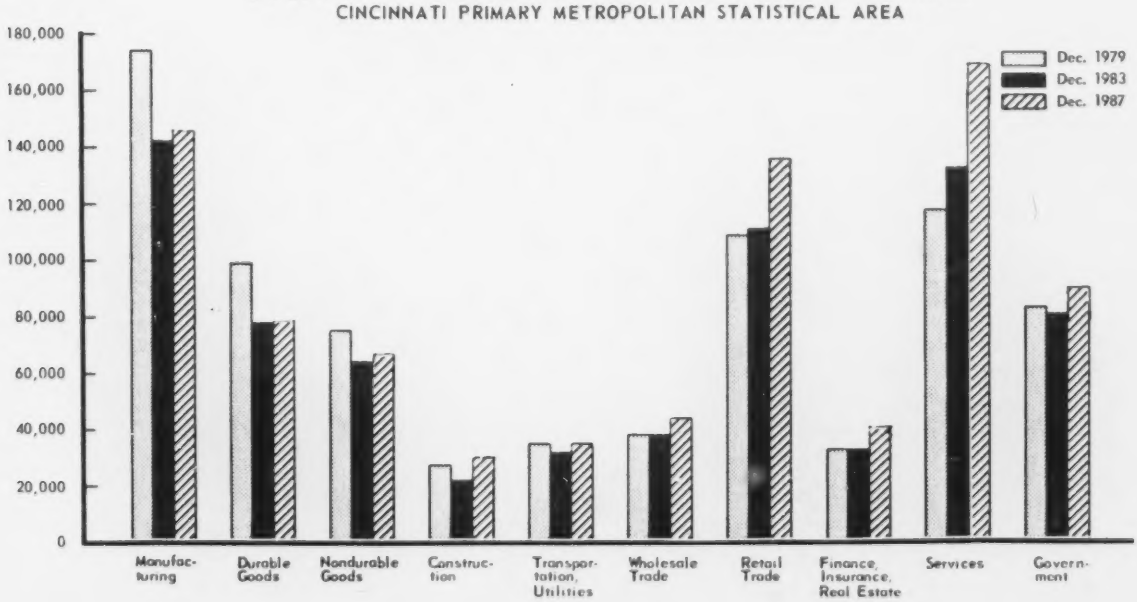


CINCINNATI PMSA LABOR FORCE & EMPLOYMENT DATA
(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
604.8	566.6	38.2	6.3	1976	541.9	155.6	107.8	$232.22	41.1	$ 5.65
623.4	588.7	34.7	5.6	1977	562.1	161.1	110.7	260.83	41.6	6.27
648.3	615.8	32.5	5.0	1978	591.2	169.2	116.4	286.70	42.1	6.81
663.4	628.1	35.3	5.3	1979	607.4	173.1	117.0	303.37	41.5	7.31
676.2	628.8	47.5	7.0	1980	600.7	162.4	106.6	332.07	41.2	8.06
678.5	619.3	59.1	8.7	1981	592.2	157.3	103.5	360.86	41.1	8.78
684.3	612.4	71.9	10.5	1982	575.3	146.3	95.5	387.59	40.5	9.57
687.6	615.2	72.4	10.5	1983	575.6	140.4	87.7	415.52	41.1	10.11
695.9	638.4	57.5	8.3	1984	600.8	145.0	96.5	441.41	41.8	10.56
710.6	659.1	51.5	7.2	1985	628.1	147.1	96.8	441.74	41.4	10.67
726.5	679.4	47.2	6.5	1986	651.2	147.9	95.7	453.00	42.1	10.76
				1986						
738.8	696.2	42.5	5.8	November	667.5	149.4	97.3	474.57	43.3	10.96
738.5	693.0	45.5	6.2	December	669.1	148.6	96.3	472.14	43.0	10.98
				1987						
727.5	671.9	55.6	7.6	January	650.8	144.3	91.8	458.53	42.3	10.84
726.9	675.2	51.6	7.1	February	655.2	147.2	94.6	467.25	42.4	11.02
727.0	675.0	52.0	7.2	March	657.2	143.9	91.6	462.40	42.5	10.88
732.2	691.5	40.7	5.6	April	671.8	147.5	95.3	459.38	41.8	10.99
740.9	699.3	41.6	5.6	May	678.7	148.1	95.7	466.15	42.3	11.02
747.8	698.8	48.9	6.5	June	679.2	145.4	92.6	466.52	42.8	10.90
752.9	708.5	44.4	5.9	July	678.2	145.6	92.4	451.73	42.1	10.73
744.9	705.9	38.9	5.2	August	684.7	149.2	96.2	472.69	42.7	11.07
738.5	702.0	36.6	4.9	September	688.8	147.0	94.2	471.71	43.0	10.97
744.2	703.3	41.0	5.5	October	687.9	144.9	92.0	467.41	43.0	10.87
747.7	709.4	38.3	5.1	November	692.2	146.1	93.7	477.17	43.3	11.02
INA	INA	INA	INA	December	694.1	146.2	93.9	488.40	44.0	11.10

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CINCINNATI PRIMARY METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	December 1987[b]	November 1987[c]	December 1986[c]	From Last Month	From Last Year
TOTAL	694.1	692.2	669.1	1.9	25.0
MANUFACTURING	146.2	146.1	148.6	.1	- 2.4
Durable Goods[e]	78.6	78.6	82.6	.0	- 4.0
Fabricated metal products	11.3	11.3	11.1	.0	.2
Fabricated structural metal products	4.5	4.5	4.3	.0	.2
Machinery, except electrical	19.4	19.4	20.1	.0	- .7
Metalworking machinery	7.8	7.8	8.3	.0	- .5
General industrial machinery	2.7	2.7	2.7	.0	.0
Electric and electronic equipment	7.5	7.5	7.4	.0	.0
Transportation equipment	25.0	25.0	29.2	.0	- 4.2
Motor vehicles and equipment	4.9	4.8	8.7	.1	- 3.8
Nondurable Goods[f]	67.7	67.5	66.0	.2	1.6
Food and kindred products	13.4	13.3	13.2	.1	.2
Beverages	3.7	3.7	3.9	.0	- .2
Apparel and other textile products	3.9	4.0	3.5	.0	.5
Paper and allied products	6.7	6.8	6.5	.0	.3
Printing and publishing	13.4	13.4	13.0	.0	.4
Commercial printing	5.8	5.8	5.4	.0	.5
Chemicals and allied products	22.5	22.4	22.3	.1	.2
Rubber and misc. plastics products	5.8	5.8	5.5	.0	.3
NONMANUFACTURING[g]	547.8	546.1	520.5	1.7	27.3
CONSTRUCTION	30.5	31.8	27.7	- 1.3	2.8
TRANSPORTATION AND PUBLIC UTILITIES	35.3	35.3	34.5	- .1	.8
Trucking and warehousing	9.7	9.7	9.7	.0	.0
Communication, electric, gas services	15.3	15.3	15.3	.0	.0
WHOLESALE TRADE	46.1	45.8	43.8	.3	2.3
Wholesale trade-durable goods	27.7	27.5	26.1	.2	1.5
RETAIL TRADE	135.5	133.7	129.9	1.8	5.6
General merchandise stores	21.7	20.7	21.4	1.0	.3
FINANCE, INSURANCE, AND REAL ESTATE	41.2	41.0	39.0	.3	2.2
Banking	8.7	8.6	8.2	.1	.5
Insurance carriers	13.4	13.3	12.7	.0	.7
SERVICES	168.9	168.5	157.5	.3	11.3
Hotels and other lodging places	6.6	6.7	6.3	- .1	.3
Personal services	8.6	8.5	8.1	.1	.4
Business services	41.1	41.0	36.6	.1	4.5
Amusement and recreation services	8.0	7.3	7.5	.7	.5
Health services	52.6	52.7	49.9	- .1	2.7
Hospitals	25.3	25.3	23.8	.0	1.5
GOVERNMENT	89.9	89.5	87.7	.4	2.2
Federal government	14.9	14.4	14.1	.5	.9
State government	19.8	19.8	19.5	.0	.4
State government education[i]	12.0	12.1	11.5	- .1	.5
State government, except education	7.8	7.7	7.9	.1	- .1
Local government	55.1	55.3	54.2	- .2	1.0
Local government education	33.2	33.0	32.6	.2	.6
Local government, except education	21.9	22.3	21.5	- .4	.4

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Dec. 1987[b]	Nov. 1987[c]	Dec. 1986[c]	Dec. 1987[b]	Nov. 1987[c]	Dec. 1986[c]	Dec. 1987[b]	Nov. 1987[c]	Dec. 1986[c]
MANUFACTURING	$488.40	$477.17	$472.14	44.0	43.3	43.0	$11.10	$11.02	$10.98
Durable Goods[e]	489.29	474.80	485.27	44.4	43.4	43.6	11.02	10.94	11.13
Fabricated metal products	434.39	421.28	405.32	44.1	42.9	42.8	9.85	9.82	9.47
Fabricated structural metal products	439.79	427.17	411.83	44.2	43.5	42.5	9.95	9.82	9.69
Machinery, except electrical	442.54	430.14	425.83	43.6	42.8	43.1	10.15	10.05	9.88
Metalworking machinery	509.08	480.31	478.95	44.5	43.0	43.9	11.44	11.17	10.91
General industrial machinery	451.12	457.24	408.22	46.7	46.8	43.8	9.66	9.77	9.32
Electric and electronic equipment	379.60	360.80	368.74	42.7	41.0	41.2	8.89	8.80	8.95
Transportation equipment	725.80	709.72	696.93	47.5	46.6	46.9	15.28	15.23	14.86
Motor vehicles and equipment	796.55	784.40	694.85	48.6	47.8	44.8	16.39	16.41	15.51
Nondurable Goods[f]	485.90	479.95	458.34	43.5	43.2	42.4	11.17	11.11	10.81
Food and kindred products	526.12	538.44	491.19	44.7	45.4	43.7	11.77	11.86	11.24
Beverages	518.32	519.57	544.36	41.3	41.4	43.9	12.55	12.55	12.40
Apparel and other textile products	223.26	223.00	206.07	39.1	39.4	37.4	5.71	5.66	5.51
Paper and allied products	432.26	438.46	412.93	43.4	44.2	41.5	9.96	9.92	9.95
Printing and publishing	489.90	462.58	455.20	42.6	40.9	40.0	11.50	11.31	11.38
Commercial printing	516.82	476.30	527.03	44.4	42.3	44.4	11.64	11.26	11.87
Chemicals and allied products	569.38	560.72	527.35	43.9	43.5	42.7	12.97	12.89	12.35
Rubber and misc. plastics products	413.36	409.85	438.24	44.4	44.5	48.0	9.31	9.21	9.13
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	553.78	555.41	532.13	40.6	40.6	40.1	13.64	13.68	13.27
WHOLESALE TRADE	395.24	393.05	383.26	41.3	41.2	40.6	9.57	9.54	9.44
RETAIL TRADE[h]	171.60	164.40	164.96	30.0	29.2	29.3	5.72	5.63	5.63
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	.....	.....	.....
Banking	259.17	259.95	256.54	....	....	....	.....	.....	.....

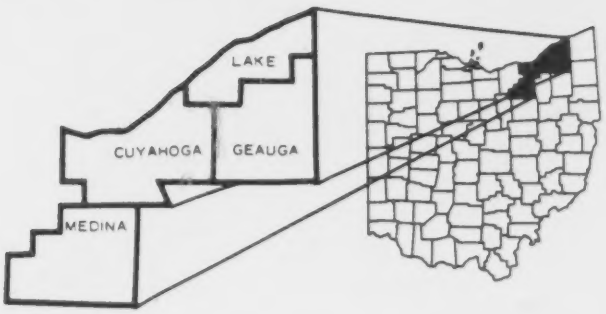
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes hospitals, the agricultural extension service, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities[a]

	December 1987	November 1987	December 1986
Employment Service Program			
New Applicants	3,063	3,505	3,165
Active File of Job Seekers	21,328	21,010	24,488
Referrals to Jobs	2,155	2,333	1,240
Placements	714	956	354
Job Openings Received	1,060	1,163	501
Job Openings Unfilled	1,813	3,222	1,215
Unemployment Insurance Program			
Initial Claims	6,719	5,105	9,813
Continued Claims	49,031	37,324	50,809
First Payments	2,419	1,568	3,588
Last Payments	450	358	579
Weeks Compensated	35,862	27,130	32,432
Benefits Paid	$5,733,261	$4,333,086	$4,709,850
Average Weekly Payment	$163.15	$162.88	$148.68

[a]Ohio data only

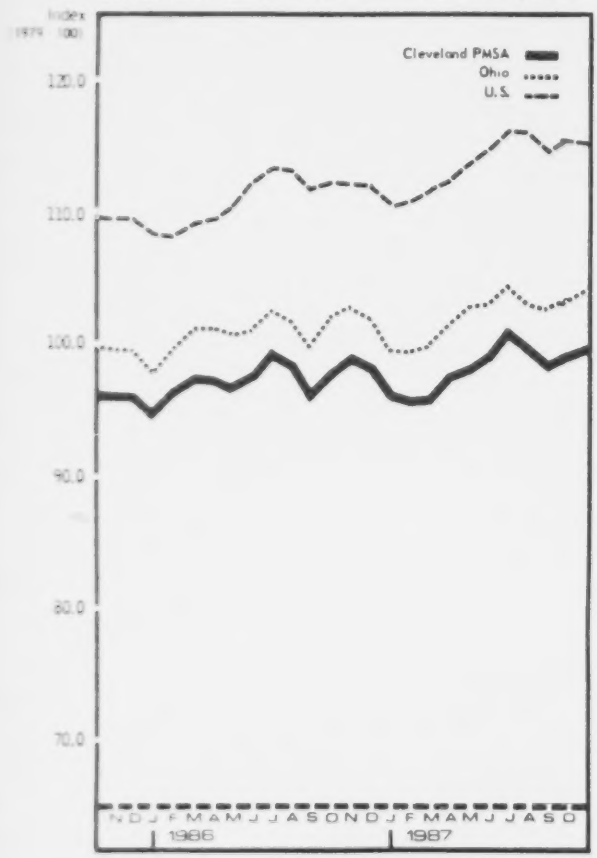
CLEVELAND
PRIMARY METROPOLITAN STATISTICAL AREA



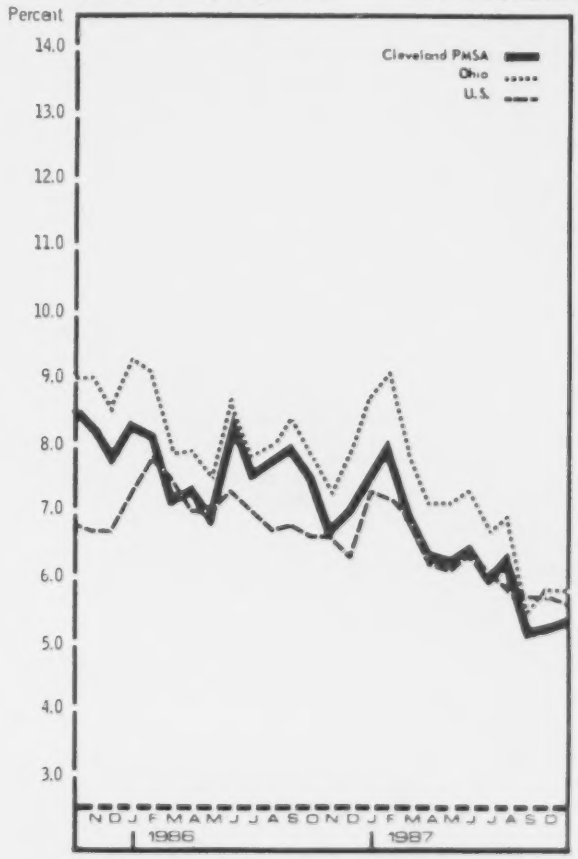
Nonagricultural wage and salary employment in the Cleveland metropolitan area advanced 2,300 from November, to 919,900 in December. Manufacturing employment improved slightly, to 206,600. Nonmanufacturing employment increased 2,200 jobs as seasonal increases in retail trade, especially general merchandise stores, outweighed losses in construction and services. In December, factory production workers worked an average of 44.1 hours per week, up .3 hours. Their average hourly earnings were $11.67, down slightly from November.

From December 1986 to December 1987, nonfarm employment increased 23,300. Gains in nonmanufacturing sectors provided ninety-five percent of the jobs. Significant growth was registered in services, retail trade, and finance, insurance, and real estate. Manufacturing employment rose 1,200 during the period primarily due to scattered advances in nondurable-goods industries.

INDEXES OF TOTAL EMPLOYMENT
CLEVELAND PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CLEVELAND PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)

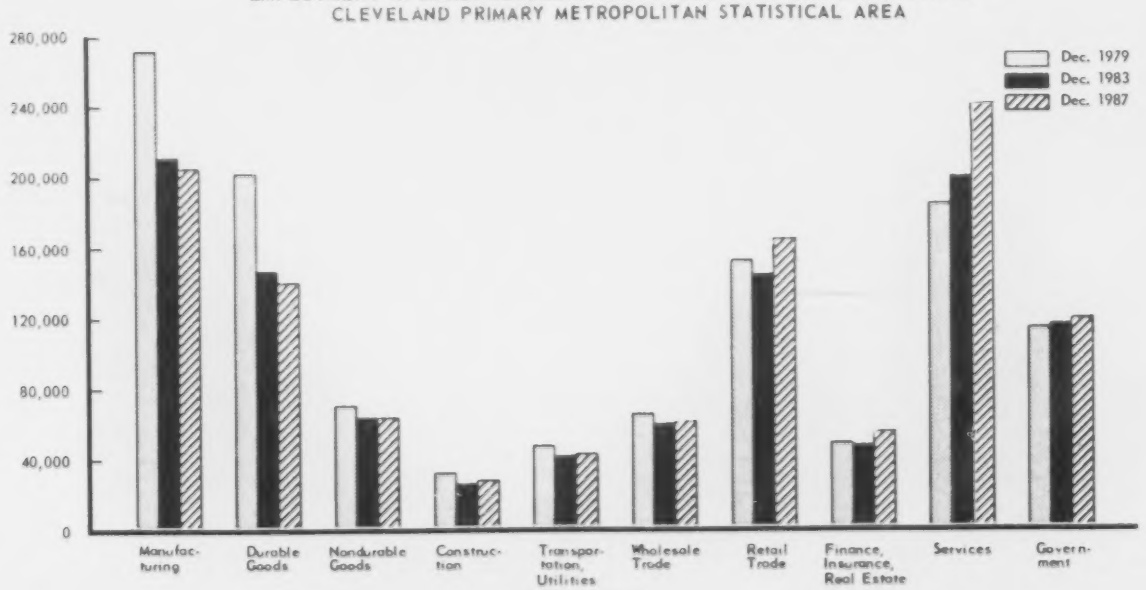


CLEVELAND PMSA LABOR FORCE & EMPLOYMENT DATA
(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
897.7	834.4	63.3	7.0	1976	860.0	265.1	180.9	$260.62	41.9	$ 6.22
908.5	854.4	54.0	5.9	1977	880.9	270.8	184.0	292.75	42.8	6.84
921.7	878.5	43.2	4.7	1978	905.8	275.6	188.0	321.75	42.9	7.50
935.8	889.1	46.7	5.0	1979	919.8	276.3	188.6	337.60	42.2	8.00
937.1	869.1	68.0	7.3	1980	895.7	254.9	169.2	350.38	40.6	8.63
933.9	854.0	79.8	8.5	1981	880.7	246.8	161.8	395.38	41.1	9.62
933.4	833.2	100.2	10.7	1982	844.6	223.0	141.8	402.99	39.9	10.10
928.7	823.4	105.3	11.3	1983	829.8	207.3	132.4	427.41	40.9	10.45
923.6	841.0	82.6	8.9	1984	854.5	213.8	137.5	456.12	42.0	10.86
926.0	849.2	76.8	8.3	1985	868.7	211.2	135.1	467.74	41.8	11.19
934.3	864.1	70.2	7.5	1986	880.8	205.5	132.0	481.62	42.1	11.44
				1986						
939.3	877.3	62.0	6.6	November	893.9	205.2	131.4	500.39	43.1	11.61
935.9	870.4	65.5	7.0	December	896.5	205.4	131.6	505.61	43.4	11.65
				1987						
920.6	851.9	68.7	7.5	January	877.6	203.9	130.6	503.84	43.1	11.69
921.8	848.5	73.4	8.0	February	876.0	203.6	130.4	493.64	42.3	11.67
914.3	850.9	63.4	6.9	March	881.0	203.6	130.7	498.07	42.9	11.61
923.1	865.1	58.0	6.3	April	893.4	203.8	130.9	494.89	42.7	11.59
930.8	872.8	58.0	6.2	May	900.8	203.9	130.3	493.19	42.7	11.55
940.0	879.7	60.3	6.4	June	908.0	204.2	130.5	494.21	42.9	11.52
954.0	897.4	56.6	5.9	July	910.0	202.8	128.9	476.52	41.8	11.40
942.3	882.9	59.4	6.3	August	908.3	203.3	129.6	486.75	42.4	11.48
918.1	871.2	46.9	5.1	September	909.4	204.6	131.0	487.05	42.5	11.46
927.5	879.4	48.1	5.2	October	913.6	205.6	131.9	501.85	43.3	11.59
937.6	887.6	50.0	5.3	November	917.5	206.5	132.8	510.71	43.8	11.66
INA	INA	INA	INA	December	919.9	206.6	133.0	514.65	44.1	11.67

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CLEVELAND PRIMARY METROPOLITAN STATISTICAL AREA



Cleveland PMSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Chnage[d] (in thousands)	
	December 1987[b]	November 1987[c]	December 1986[c]	From Last Month	From Last Year
TOTAL	919.9	917.5	896.5	2.3	23.3
MANUFACTURING	206.6	206.5	205.4	.1	1.2
Durable Goods[e]	140.5	140.3	140.5	.2	.0
Primary metal industries	21.3	21.2	21.3	.2	.1
Iron and steel foundries	5.4	5.3	5.4	.1	.0
Fabricated metal products	33.3	33.2	32.6	.1	.8
Fabricated structural metal products	3.9	3.9	3.9	.0	.0
Screw machine products, bolts, etc.	4.9	4.9	4.6	.0	.2
Metal forgings and stampings	11.6	11.5	11.3	.1	.3
Machinery, except electrical	30.2	30.2	30.6	.0	- .4
Construction and related machinery	2.7	2.6	2.5	.0	.1
Metalworking machinery	9.8	9.8	10.1	.0	- .3
Special industry machinery	3.2	3.3	3.5	- .1	- .3
General industrial machinery	2.8	2.8	2.9	.0	- .1
Electric and electronic equipment	19.2	19.3	19.1	.0	.1
Electrical industrial apparatus	6.6	6.6	6.5	.1	.2
Transportation equipment	19.3	19.3	19.5	.0	- .2
Motor vehicles and equipment	12.3	12.3	12.5	.0	- .2
Instruments and related products	6.3	6.3	7.2	.0	- .9
Measuring and controlling devices	4.1	4.1	4.3	.0	- .2
Nondurable Goods[f]	66.2	66.2	64.9	.0	1.3
Food and kindred products	7.2	7.1	6.9	.1	.3
Apparel and other textile products	4.0	4.0	4.4	.0	- .4
Paper and allied products	5.8	5.8	5.5	.0	.3
Printing and publishing	16.8	16.9	16.6	- .1	.2
Chemicals and allied products	15.0	15.0	14.6	.0	.5
Rubber and misc. plastics products	12.2	12.2	11.9	.0	.3
NONMANUFACTURING[g]	713.2	711.0	691.1	2.2	22.1
CONSTRUCTION	27.1	28.7	25.1	- 1.6	2.0
TRANSPORTATION AND PUBLIC UTILITIES	42.1	41.9	42.5	.2	- .4
Trucking and warehousing	12.7	12.4	12.5	.2	.2
Communication, electric, gas services	18.0	18.1	18.8	.0	- .8
WHOLESALE TRADE	62.3	62.3	62.5	.0	- .2
Wholesale trade-durable goods	42.8	42.9	43.4	- .1	- .6
RETAIL TRADE	164.7	160.8	159.5	3.9	5.2
General merchandise stores	23.0	22.0	22.9	1.0	.1
FINANCE, INSURANCE, AND REAL ESTATE	55.6	55.5	53.4	.1	2.2
Banking	13.5	13.5	13.2	.0	.3
Credit agencies other than banks	9.3	9.2	8.9	.0	.4
Insurance carriers	13.4	13.4	12.9	.0	.5
SERVICES	240.9	241.7	229.2	- .8	11.7
Business services	55.5	55.3	51.3	.2	4.2
Amusement and recreation services	6.9	7.3	6.8	- .3	.2
Health services	76.3	76.3	73.2	.0	3.1
Hospitals	44.3	44.2	42.3	.1	2.0
GOVERNMENT	119.5	119.0	117.8	.5	1.7
Federal government	21.1	20.6	20.2	.5	.9
State government	8.6	8.2	8.5	.4	.1
State government education[1]	3.4	3.1	3.3	.3	.1
State government, except education	5.2	5.1	5.2	.1	.0
Local government	89.9	90.2	89.2	- .3	.7
Local government education	45.1	45.4	43.6	- .4	1.5
Local government, except education	44.8	44.8	45.6	.0	- .8

Hours & Earnings of Production or Nonsupervisory Workers[a]

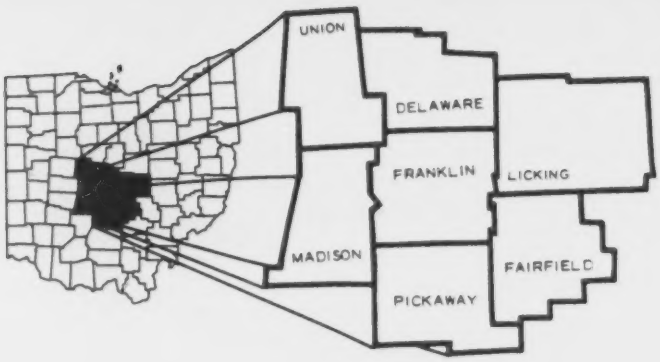
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Dec. 1987[b]	Nov. 1987[c]	Dec. 1986[c]	Dec. 1987[b]	Nov. 1987[c]	Dec. 1986[c]	Dec. 1987[b]	Nov. 1987[c]	Dec. 1986[c]
MANUFACTURING	$514.65	$510.71	$505.61	44.1	43.8	43.4	$11.67	$11.66	$11.65
Durable Goods[e]	552.93	549.58	543.12	45.1	44.9	44.3	12.26	12.24	12.26
Primary metal industries	588.47	605.83	639.39	46.3	47.0	45.9	12.71	12.89	13.93
Iron and steel foundries	767.45	862.00	930.42	45.6	50.0	54.0	16.83	17.24	17.23
Fabricated metal products	572.88	543.79	544.05	46.2	44.5	45.0	12.40	12.22	12.09
Fabricated structural metal products	412.72	423.00	389.63	41.9	42.3	41.1	9.85	10.00	9.48
Screw machine products, bolts, etc.	556.74	535.93	443.23	49.4	48.5	42.7	11.27	11.05	10.38
Metal forgings and stampings	729.07	672.04	732.08	48.8	45.5	49.7	14.94	14.77	14.73
Machinery, except electrical	504.89	519.20	482.42	43.6	44.3	43.5	11.58	11.72	11.09
Construction and related machinery	457.86	440.33	426.42	48.4	47.5	46.4	9.46	9.27	9.19
Metalworking machinery	444.22	447.68	433.82	41.4	41.8	42.2	10.73	10.71	10.28
Special industry machinery	515.30	497.27	492.41	40.8	40.2	41.0	12.63	12.37	12.01
General industrial machinery	519.38	525.55	496.39	45.4	45.7	44.4	11.44	11.50	11.18
Electric and electronic equipment	476.08	453.69	421.14	44.0	42.6	40.3	10.82	10.65	10.45
Electrical industrial apparatus	521.10	510.85	424.47	44.5	43.7	38.8	11.71	11.69	10.94
Transportation equipment	720.26	732.73	722.48	46.2	47.0	47.5	15.59	15.59	15.21
Motor vehicles and equipment	785.39	800.85	758.59	46.5	47.5	47.8	16.89	16.86	15.87
Instruments and related products	419.74	409.78	440.22	42.7	41.9	43.5	9.83	9.78	10.12
Measuring and controlling devices	423.90	406.00	434.02	41.6	40.0	43.1	10.19	10.15	10.07
Nondurable Goods[f]	421.59	419.38	418.32	41.7	41.4	41.5	10.11	10.13	10.08
Food and kindred products	375.24	359.86	386.33	42.4	40.8	42.5	8.85	8.82	9.09
Apparel and other textile products	330.02	324.31	299.53	40.1	38.7	38.5	8.23	8.38	7.78
Paper and allied products	483.75	472.92	486.14	43.0	42.0	44.6	11.25	11.26	10.90
Printing and publishing	409.73	429.87	423.12	38.8	40.1	38.5	10.56	10.72	10.99
Chemicals and allied products	528.44	507.03	503.84	44.0	42.5	43.1	12.01	11.93	11.69
Rubber and misc. plastics products	387.00	384.42	380.95	43.0	43.0	42.9	9.00	8.94	8.88
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	581.98	589.12	580.60	41.1	41.4	41.8	14.16	14.23	13.89
WHOLESALE TRADE	404.71	402.73	399.40	39.6	39.1	40.1	10.22	10.30	9.96
RETAIL TRADE[h]	182.45	174.25	180.18	28.2	27.1	28.6	6.47	6.43	6.30
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	.....	.....	.....
Banking	297.59	295.31	296.35	....	....	....	.....	.....	.....
SERVICES	.....	.....	.....	....	....	....	.....	.....	.....
Health services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	339.75	341.46	336.48	31.4	31.5	32.7	10.82	10.84	10.29

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber a d wood products; stone, clay, and glass products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	December 1987	November 1987	December 1986
Employment Service Program			
New Applicants	4,928	4,605	7,775
Active File of Job Seekers	59,036	58,206	92,049
Referrals to Jobs	1,468	2,020	1,563
Placements	335	385	376
Job Openings Received	926	1,005	831
Job Openings Unfilled	2,336	2,573	2,162
Unemployment Insurance Program			
Initial Claims	11,059	10,220	12,482
Continued Claims	73,669	52,927	78,088
First Payments	4,212	2,316	4,193
Last Payments	959	841	1,265
Weeks Compensated	52,695	37,626	57,469
Benefits Paid	$7,728,878	$5,474,694	$8,492,819
Average Weekly Payment	$149.48	$148.63	$150.55

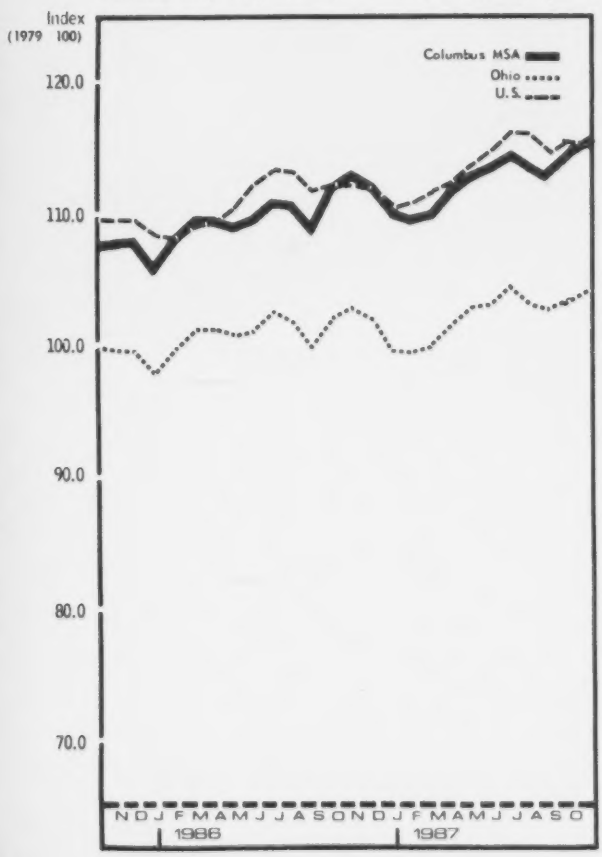
COLUMBUS METROPOLITAN STATISTICAL AREA



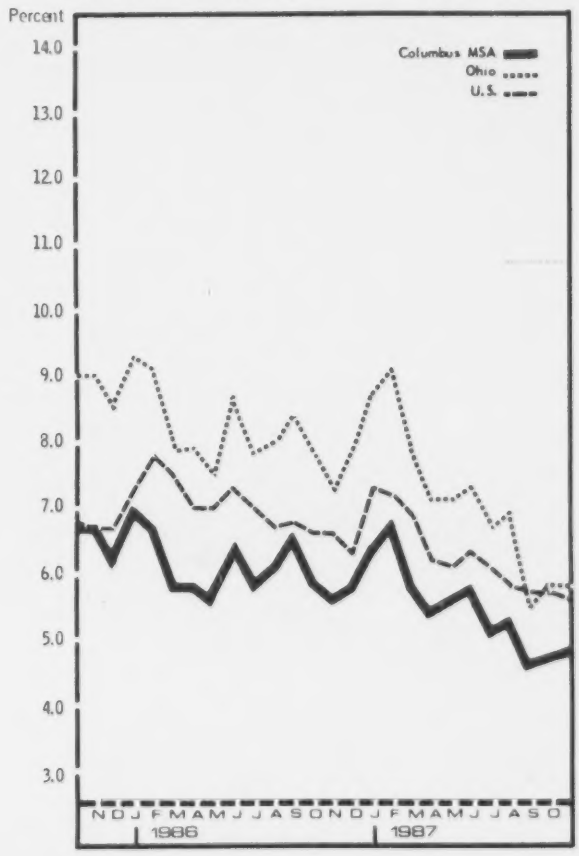
Nonfarm wage and salary employment in the Columbus metropolitan area totaled 675,700 in December, up 1,500 from November. Nonmanufacturing employment gained 1,900 jobs. Seasonal growth in retail trade and state government education offset seasonal declines in construction. Manufacturing employment, at 102,000, declined 400 due to losses in transportation equipment. Factory production workers earned an average of $11.43 an hour, down $.03 from November. The average workweek was up slightly, to 42.5 hours.

Since December 1986, nonfarm employment increased 25,200. Nearly all nonmanufacturing sectors recorded growth. The most notable increases were in services, retail trade, and construction. Manufacturing employment declined 3,900 over the year. Advances in nondurable-goods industries were overshadowed by losses in transportation equipment, stone, clay, and glass products, and fabricated metal products.

INDEXES OF TOTAL EMPLOYMENT
COLUMBUS MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
COLUMBUS MSA, OHIO, AND U.S. (Not Seasonally Adjusted)

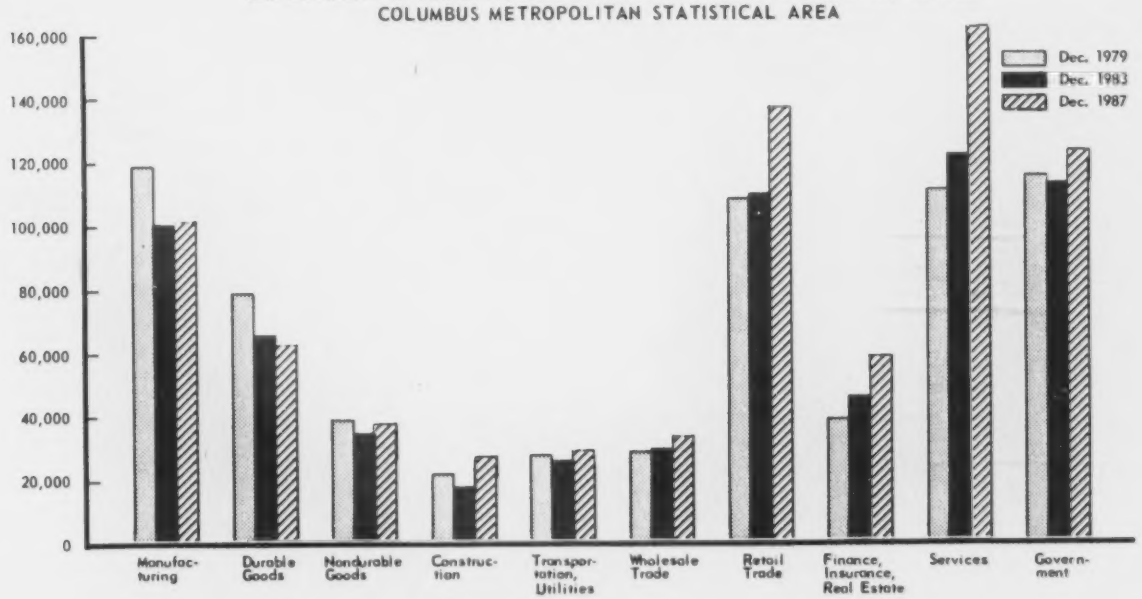


COLUMBUS MSA LABOR FORCE & EMPLOYMENT DATA
(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1976	500.0	108.1	INA	INA	INA	INA
INA	INA	INA	INA	1977	517.6	113.6	INA	INA	INA	INA
INA	INA	INA	INA	1978	543.2	117.0	INA	INA	INA	INA
INA	INA	INA	INA	1979	558.5	117.8	INA	INA	INA	INA
INA	INA	INA	INA	1980	560.2	112.6	INA	INA	INA	INA
INA	INA	INA	INA	1981	556.9	109.1	INA	INA	INA	INA
INA	INA	INA	INA	1982	544.0	101.0	INA	INA	INA	INA
647.7	587.4	60.3	9.3	1983	548.5	98.7	INA	INA	INA	INA
633.5	584.3	49.2	7.8	1984	576.4	104.7	69.3	$426.06	40.5	$10.52
649.4	605.6	43.8	6.7	1985	603.6	106.1	70.8	442.95	40.9	10.83
675.7	634.4	41.3	6.1	1986	630.4	106.2	70.7	461.14	41.1	11.22
				1986						
691.1	652.3	38.7	5.6	November	648.7	106.1	70.6	467.93	41.3	11.33
686.7	646.6	40.0	5.8	December	650.5	105.9	70.4	472.79	41.4	11.42
				1987						
678.0	635.0	43.1	6.4	January	637.9	105.1	69.9	472.15	41.2	11.46
678.0	632.2	45.9	6.8	February	637.7	104.4	69.1	463.81	40.9	11.34
674.6	635.4	39.2	5.8	March	642.5	103.9	68.9	477.47	41.7	11.45
682.2	645.7	36.5	5.4	April	650.6	103.0	68.2	466.49	41.1	11.35
691.2	652.2	39.0	5.6	May	656.6	102.6	67.9	474.24	41.6	11.40
696.4	656.1	40.3	5.8	June	661.0	103.1	68.2	473.10	41.5	11.40
697.2	661.3	35.9	5.1	July	653.4	102.3	67.3	474.12	41.3	11.48
692.2	655.6	36.6	5.3	August	657.9	102.7	67.7	467.72	41.1	11.38
682.8	651.3	31.5	4.6	September	663.2	102.6	67.6	477.88	41.7	11.46
694.8	661.8	33.0	4.7	October	670.5	102.7	67.5	483.91	42.3	11.44
701.9	668.4	33.4	4.8	November	674.3	102.4	67.3	484.76	42.3	11.46
INA	INA	INA	INA	December	675.7	102.0	66.8	485.78	42.5	11.43

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
COLUMBUS METROPOLITAN STATISTICAL AREA



Columbus MSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	December 1987[b]	November 1987[c]	December 1986[c]	From Last Month	From Last Year
TOTAL	675.7	674.3	650.5	1.5	25.2
MANUFACTURING	102.0	102.4	105.9	- .4	- 3.9
Durable Goods[e]	63.8	64.3	69.1	- .6	- 5.3
Stone, clay, and glass products	10.2	10.3	11.7	.0	- 1.4
Glass and glassware, pressed or blown.	4.2	4.2	4.8	.0	- .5
Fabricated metal products	9.1	9.1	9.7	.1	- .6
Fabricated structural metal products	2.7	2.7	2.8	.0	.0
Machinery, except electrical	9.5	9.6	9.3	- .1	.2
Electric and electronic equipment	10.9	10.8	11.2	.1	- .4
Transportation equipment	12.3	12.8	15.9	- .5	- 3.5
Instruments and related products	4.1	4.1	4.1	.0	.0
Nondurable Goods[f]	38.3	38.1	36.8	.1	1.4
Food and kindred products	10.6	10.6	10.1	.1	.6
Printing and publishing	10.0	10.1	9.8	- .1	.3
Chemicals and allied products	7.1	7.1	7.1	.0	.0
Rubber and misc. plastics products	5.9	5.8	5.5	.1	.4
NONMANUFACTURING[g]	573.7	571.8	544.6	1.9	29.1
CONSTRUCTION	28.4	29.4	25.1	- 1.0	3.3
TRANSPORTATION AND PUBLIC UTILITIES	30.1	29.9	28.4	.2	1.7
Trucking and warehousing	12.4	12.2	11.6	.3	.8
Communication, electric, gas services	12.4	12.4	12.2	.0	.2
WHOLESALE TRADE	33.9	33.7	32.6	.2	1.3
Wholesale trade-durable goods	22.1	22.1	21.3	.1	.8
RETAIL TRADE	137.2	135.1	132.2	2.1	5.0
General merchandise stores	21.0	20.0	20.5	1.0	.5
FINANCE, INSURANCE, AND REAL ESTATE	57.8	57.6	55.1	.2	2.7
Banking	12.2	12.1	11.7	.1	.5
Insurance carriers	21.9	21.9	21.1	.0	.7
SERVICES	162.3	162.6	149.8	- .3	12.5
Business services	38.8	38.6	33.8	.2	5.0
Health services	41.1	41.1	38.9	.0	2.2
Hospitals	17.6	17.6	16.9	.0	.8
GOVERNMENT	123.1	122.5	120.5	.6	2.6
Federal government	15.4	15.4	15.5	.0	- .1
State government	55.1	54.5	53.6	.7	1.6
State government education[i]	24.5	23.9	23.9	.6	.6
State government, except education	30.6	30.5	29.7	.1	.9
Local government	52.5	52.6	51.4	- .1	1.2
Local government education	31.8	32.0	30.9	- .2	.9
Local government, except education	20.7	20.6	20.4	.1	.3

Hours & Earnings of Production or Nonsupervisory Workers[a]

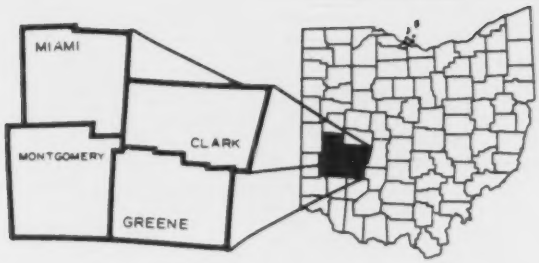
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Dec. 1987[b]	Nov. 1987[c]	Dec. 1986[c]	Dec. 1987[b]	Nov. 1987[c]	Dec. 1986[c]	Dec. 1987[b]	Nov. 1987[c]	Dec. 1986[c]
MANUFACTURING	$485.78	$484.76	$472.79	42.5	42.3	41.4	$11.43	$11.46	$11.42
Durable Goods[e]	497.46	494.81	481.97	42.7	42.4	41.3	11.65	11.67	11.67
Stone, clay, and glass products	473.34	475.69	443.90	40.7	41.4	38.3	11.63	11.49	11.59
Glass and glassware, pressed or blown.	424.93	432.95	417.79	38.7	40.2	38.4	10.98	10.77	10.88
Fabricated metal products	530.72	533.68	488.44	42.8	42.9	40.4	12.40	12.44	12.09
Fabricated structural metal products	501.75	493.94	449.40	45.0	44.7	42.0	11.15	11.05	10.70
Machinery, except electrical	462.01	445.42	451.78	43.3	42.1	41.6	10.67	10.58	10.86
Electric and electronic equipment	444.00	455.53	466.49	40.0	40.6	41.1	11.10	11.22	11.35
Transportation equipment	643.55	650.53	581.64	46.6	46.7	44.4	13.81	13.93	13.10
Instruments and related products	416.98	413.66	429.94	40.8	40.2	42.4	10.22	10.29	10.14
Nondurable Goods[f]	463.52	463.68	451.52	42.1	42.0	41.5	11.01	11.04	10.88
Food and kindred products	464.45	453.18	425.32	42.3	41.5	40.7	10.98	10.92	10.45
Printing and publishing	546.48	541.63	530.15	40.6	40.3	40.5	13.46	13.44	13.09
Chemicals and allied products	551.69	561.15	543.56	42.9	43.5	42.8	12.86	12.90	12.70
Rubber and misc. plastics products	354.43	360.80	340.72	42.6	42.8	41.5	8.32	8.43	8.21
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	570.61	567.59	572.24	40.7	40.6	41.8	14.02	13.98	13.69
WHOLESALE TRADE	348.30	352.30	344.31	37.9	37.8	38.6	9.19	9.32	8.92
RETAIL TRADE[h]	192.86	175.80	176.09	29.9	28.4	29.3	6.45	6.19	6.01
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	.....	.....	.....
Banking	252.72	254.93	249.75	....	....	....	.....	.....	.....
SERVICES	.....	.....	.....	....	....	....	.....	.....	.....
Health services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	336.78	335.80	322.85	34.4	34.3	34.2	9.79	9.79	9.44

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities, State schools for the deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	December 1987	November 1987	December 1986
Employment Service Program			
New Applicants	4,516	5,057	4,261
Active File of Job Seekers	30,880	31,241	33,368
Referrals to Jobs	1,845	2,407	1,599
Placements	578	615	465
Job Openings Received	1,080	1,245	1,162
Job Openings Unfilled	1,997	2,925	4,159
Unemployment Insurance Program			
Initial Claims	7,364	5,221	7,759
Continued Claims	47,664	37,017	49,655
First Payments	2,835	1,859	2,637
Last Payments	584	636	655
Weeks Compensated	36,977	26,632	35,962
Benefits Paid	$5,811,787	$4,179,103	$5,368,442
Average Weekly Payment	$160.41	$160.51	$152.87

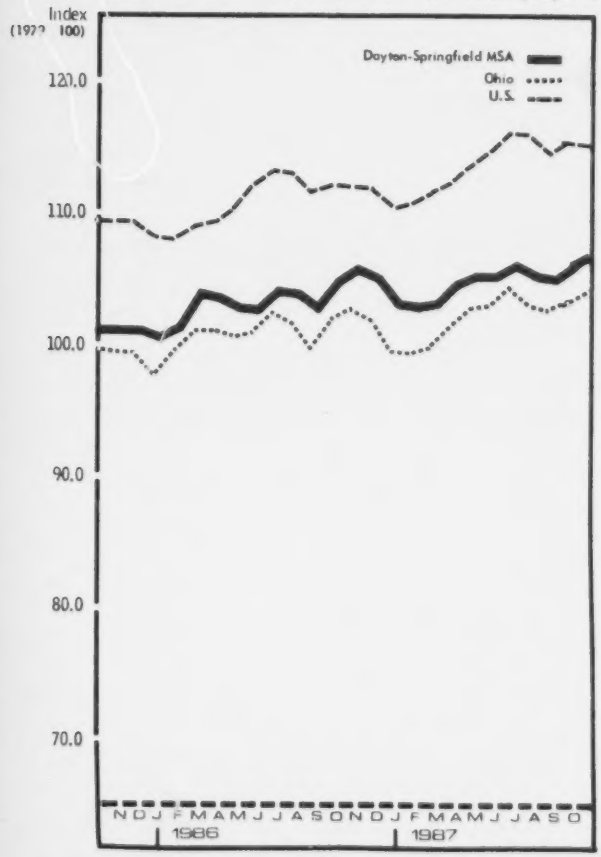
DAYTON - SPRINGFIELD METROPOLITAN STATISTICAL AREA



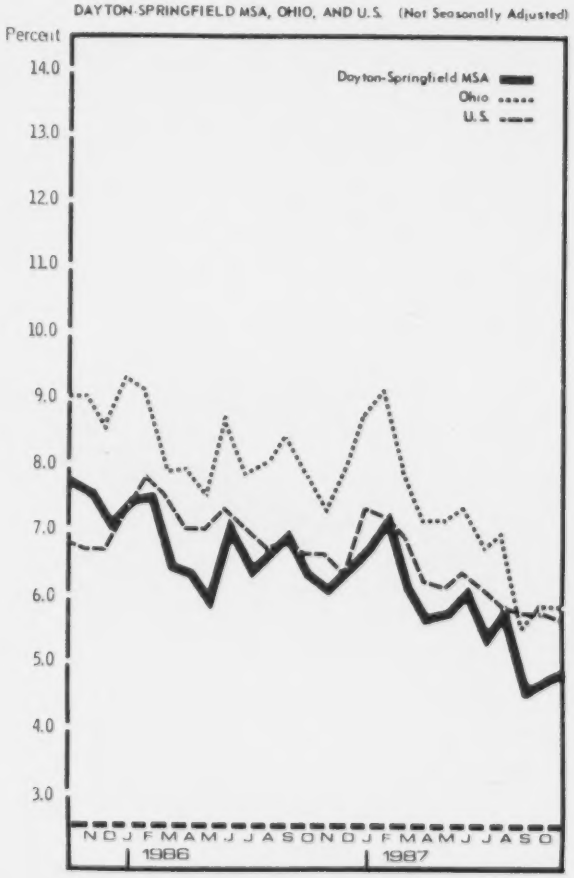
Over the past month, in the Dayton-Springfield metropolitan area, nonagricultural wage and salary employment totaled 440,300, down 400 jobs. Nonmanufacturing employment declined 300 as increases in retail trade were overshadowed by losses in construction and services. Manufacturing employment, at 104,000, was slightly lower than the November level. Production workers earned an average of $12.10 in December, up $.09 from last month. They worked an average of 42.9 hours, up .2 hours.

Nonagricultural wage and salary employment increased 8,300 since December 1986. The growth was concentrated in nonmanufacturing industries, with significant gains noted in business and health services, construction, and retail trade. Manufacturing employment declined 2,600 with losses recorded in durable-goods industries, especially transportation equipment and nonelectrical machinery.

INDEXES OF TOTAL EMPLOYMENT
DAYTON-SPRINGFIELD MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
DAYTON-SPRINGFIELD MSA, OHIO, AND U.S. (Not Seasonally Adjusted)

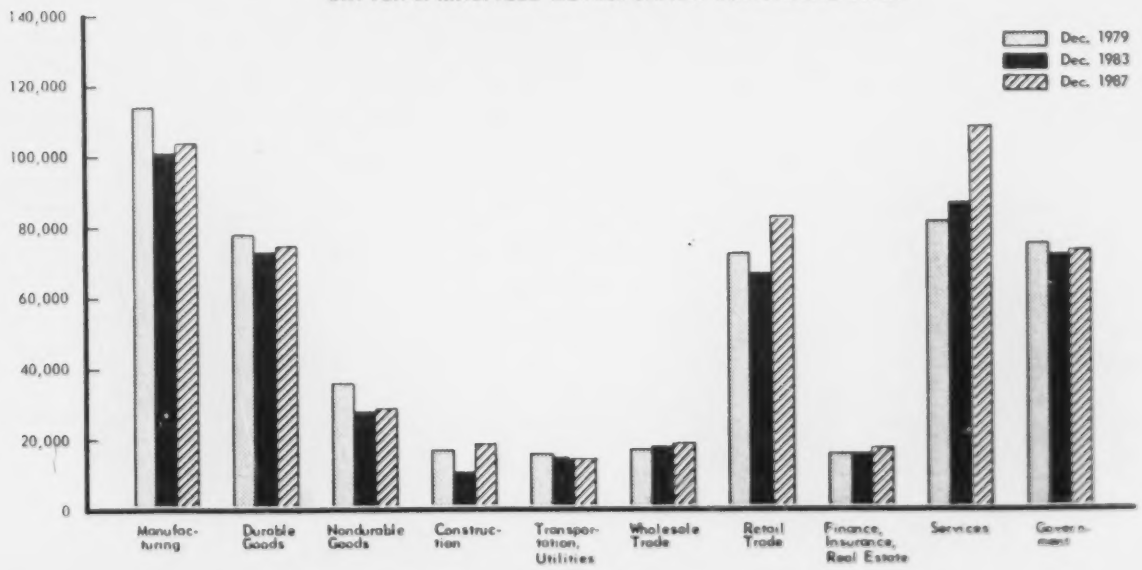


DAYTON-SPRINGFIELD MSA LABOR FORCE & EMPLOYMENT DATA
(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1976	370.7	116.3	INA	INA	INA	INA
INA	INA	INA	INA	1977	383.8	121.8	INA	INA	INA	INA
INA	INA	INA	INA	1978	401.1	125.0	INA	INA	INA	INA
INA	INA	INA	INA	1979	408.8	122.5	INA	INA	INA	INA
INA	INA	INA	INA	1980	397.1	110.9	INA	INA	INA	INA
INA	INA	INA	INA	1981	393.2	109.9	INA	INA	INA	INA
INA	INA	INA	INA	1982	374.3	97.3	INA	INA	INA	INA
438.5	391.9	46.6	10.6	1983	372.3	95.5	INA	INA	INA	INA
440.1	404.8	35.2	8.0	1984	392.7	103.7	67.7	$480.99	42.9	$11.21
450.4	418.1	32.4	7.2	1985	408.9	106.3	69.1	517.10	43.2	11.97
462.0	431.6	30.4	6.6	1986	420.9	106.1	68.4	514.88	42.8	12.03
				1986						
470.2	441.9	28.3	6.0	November	431.2	106.3	68.8	505.83	42.4	11.93
468.0	437.9	30.0	6.4	December	432.1	106.5	69.0	509.32	42.8	11.90
				1987						
460.5	429.6	30.9	6.7	January	423.9	105.8	68.4	500.22	42.0	11.91
462.2	428.7	33.5	7.2	February	423.9	105.1	67.9	505.56	42.2	11.98
457.8	430.1	27.7	6.1	March	426.2	104.9	67.5	494.15	41.7	11.85
462.4	436.4	26.0	5.6	April	431.4	105.2	68.0	486.10	41.3	11.77
466.0	439.2	26.7	5.7	May	433.8	104.7	67.5	486.04	41.4	11.74
467.3	439.0	28.4	6.1	June	433.5	104.7	67.3	502.18	42.2	11.90
467.3	442.5	24.8	5.3	July	428.7	104.1	66.1	492.19	41.5	11.86
465.5	438.7	26.8	5.8	August	431.4	104.6	66.7	492.89	41.7	11.82
459.1	438.2	20.9	4.5	September	437.6	105.2	67.9	487.69	41.4	11.78
463.1	441.4	21.7	4.7	October	438.6	104.1	66.9	507.37	42.6	11.91
468.2	445.6	22.6	4.8	November	440.7	104.1	67.3	512.83	42.7	12.01
INA	INA	INA	INA	December	440.3	104.0	67.2	519.09	42.9	12.10

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
DAYTON-SPRINGFIELD METROPOLITAN STATISTICAL AREA



Dayton-Springfield MSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	December 1987[b]	November 1987[c]	December 1986[c]	From Last Month	From Last Year
TOTAL	440.3	440.7	432.1	- .4	8.3
MANUFACTURING	104.0	104.1	106.5	- .1	- 2.6
Durable Goods[e]	74.5	74.7	77.0	- .1	- 2.5
Fabricated metal products	8.1	8.1	8.3	- .1	- .3
Machinery, except electrical	30.2	30.2	31.2	.0	- 1.0
Metalworking machinery	6.6	6.6	6.8	.0	- .2
General industrial machinery	2.6	2.6	2.6	.0	.1
Electric and electronic equipment	5.8	5.8	6.1	.0	- .3
Electrical industrial apparatus	3.3	3.3	3.5	.0	- .2
Transportation equipment	20.9	21.0	22.0	.0	- 1.1
Nondurable Goods[f]	29.4	29.4	29.5	.0	.0
Food and kindred products	3.1	3.1	2.9	.0	.2
Paper and allied products	6.1	6.1	5.9	.0	.2
Printing and publishing	9.0	8.9	8.6	.1	.4
Rubber and misc. plastics products	7.6	7.7	8.2	.0	- .6
NONMANUFACTURING[g]	336.4	336.7	325.5	- .3	10.8
CONSTRUCTION	18.9	19.9	16.0	- 1.0	2.9
TRANSPORTATION AND PUBLIC UTILITIES	15.0	15.0	15.2	.0	- .2
Communication, electric, gas services	5.6	5.6	6.0	.0	- .4
WHOLESALE TRADE	19.4	19.3	19.2	.1	.2
Wholesale trade-durable goods	13.4	13.3	13.2	.1	.2
RETAIL TRADE	82.7	81.3	80.3	1.4	2.4
General merchandise stores	13.0	12.3	13.5	.7	- .5
FINANCE, INSURANCE, AND REAL ESTATE	17.8	17.8	17.7	.0	.1
Banking	4.3	4.3	4.3	.0	.0
Credit agencies other than banks	4.6	4.6	4.6	.0	.0
Insurance carriers	2.6	2.6	2.8	.0	- .2
SERVICES	108.2	109.1	102.9	- .9	5.3
Business services	27.3	27.5	25.0	- .2	2.3
Health services	35.8	35.7	34.5	.1	1.3
Hospitals	18.3	18.3	18.0	.0	.3
Educational services	7.0	7.6	7.0	- .6	.0
GOVERNMENT	73.8	73.8	73.8	.0	.0
Federal government	28.5	28.5	27.7	.1	.9
State government	7.2	7.3	7.0	- .1	.2
State government education[i]	4.4	4.4	4.3	- .1	.0
State government, except education	2.9	2.9	2.7	.0	.2
Local government	38.1	38.0	39.1	.0	- 1.1
Local government education	23.6	23.6	24.7	.0	- 1.1
Local government, except education	14.5	14.5	14.4	.0	.0

Hours & Earnings of Production or Nonsupervisory Workers[a]

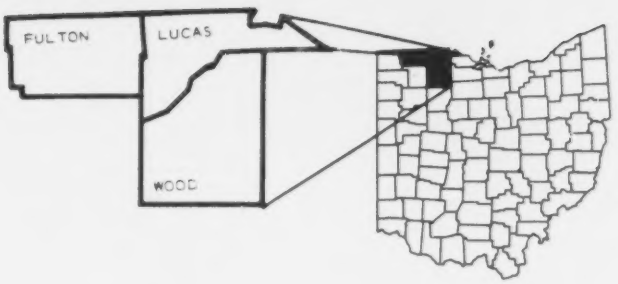
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Dec. 1987[b]	Nov. 1987[c]	Dec. 1986[c]	Dec. 1987[b]	Nov. 1987[c]	Dec. 1986[c]	Dec. 1987[b]	Nov. 1987[c]	Dec. 1986[c]
MANUFACTURING	$519.09	$512.83	$509.32	42.9	42.7	42.8	$12.10	$12.01	$11.90
Durable Goods[e]	524.67	517.65	517.45	42.9	42.5	42.8	12.23	12.18	12.09
Fabricated metal products	395.40	384.80	403.75	42.7	41.6	42.5	9.26	9.25	9.50
Machinery, except electrical	580.31	567.68	561.44	44.4	43.5	44.0	13.07	13.05	12.76
Metalworking machinery	553.26	554.58	574.28	45.8	46.1	47.5	12.08	12.03	12.09
General industrial machinery	460.96	440.91	443.92	43.0	41.4	41.8	10.72	10.65	10.62
Electric and electronic equipment	452.19	447.91	434.82	47.3	47.0	45.2	9.56	9.53	9.62
Electrical industrial apparatus	530.28	535.00	546.70	49.1	49.4	48.9	10.80	10.83	11.18
Transportation equipment	604.82	598.42	598.40	41.2	41.1	41.7	14.68	14.56	14.35
Nondurable Goods[f]	503.65	499.39	485.07	42.9	43.2	42.7	11.74	11.56	11.36
Food and kindred products	364.64	356.83	347.06	42.4	43.2	42.9	8.60	8.26	8.09
Paper and allied products	525.34	521.23	515.16	47.2	47.0	47.7	11.13	11.09	10.80
Printing and publishing	426.02	461.04	431.94	38.8	40.8	39.7	10.98	11.30	10.88
Rubber and misc. plastics products	638.49	621.11	582.39	42.2	42.6	41.1	15.13	14.58	14.17
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	542.95	548.63	539.74	40.1	40.4	40.4	13.54	13.58	13.36
WHOLESALE TRADE	436.58	431.60	403.81	42.1	41.5	40.3	10.37	10.40	10.02
RETAIL TRADE[h]	163.29	157.34	160.11	28.9	27.7	28.9	5.65	5.68	5.54
SERVICES	.....	.....	.....	....	....	....	.....	.....	.....
Health services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	369.21	368.49	354.90	34.7	34.6	33.8	10.64	10.65	10.50

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	December 1987	November 1987	December 1986
Employment Service Program			
New Applicants	2,812	2,756	3,104
Active File of Job Seekers	18,778	19,290	24,634
Referrals to Jobs	1,563	1,251	1,127
Placements	734	463	573
Job Openings Received	1,028	561	804
Job Openings Unfilled	1,925	2,187	1,127
Unemployment Insurance Program			
Initial Claims	5,318	3,604	6,614
Continued Claims	30,010	21,025	34,280
First Payments	2,033	939	1,779
Last Payments	453	302	408
Weeks Compensated	22,919	15,398	22,950
Benefits Paid	$3,202,788	$2,104,245	$3,182,173
Average Weekly Payment	$142.97	$139.62	$141.56

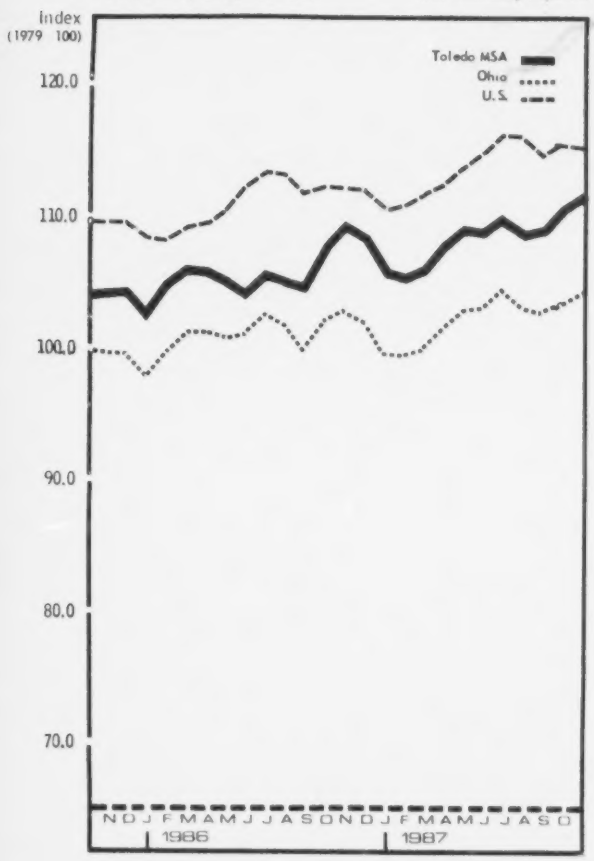
TOLEDO METROPOLITAN STATISTICAL AREA



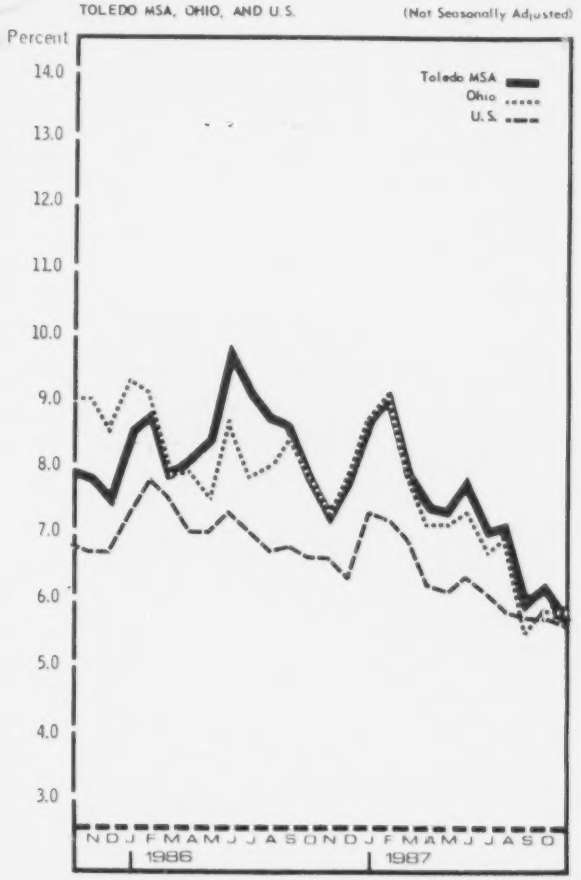
Nonagricultural wage and salary employment in the Toledo area rose 500 jobs over the month, from 293,200 in November to 293,700 in December 1987. Offsetting seasonal patterns in nonmanufacturing were most noteworthy. Retail trade expanded 1,200 over the month, while construction declined 600. Employment in manufacturing also improved, resulting from scattered increases among producers of durable and nondurable goods. Factory production workers earned an average of $12.84 per hour in December, up slightly from November. The average workweek, at 43.3 hours, was up .5 hours.

Nonfarm employment advanced 10,300 from December 1986 to December 1987. All of the improvement occurred in nonmanufacturing industries, especially business and health services, retail trade, construction, and local government. Scattered losses in durable goods more than offset gains in nondurable goods, to lower manufacturing employment 300 during the period.

INDEXES OF TOTAL EMPLOYMENT
TOLEDO MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
TOLEDO MSA, OHIO, AND U.S. (Not Seasonally Adjusted)

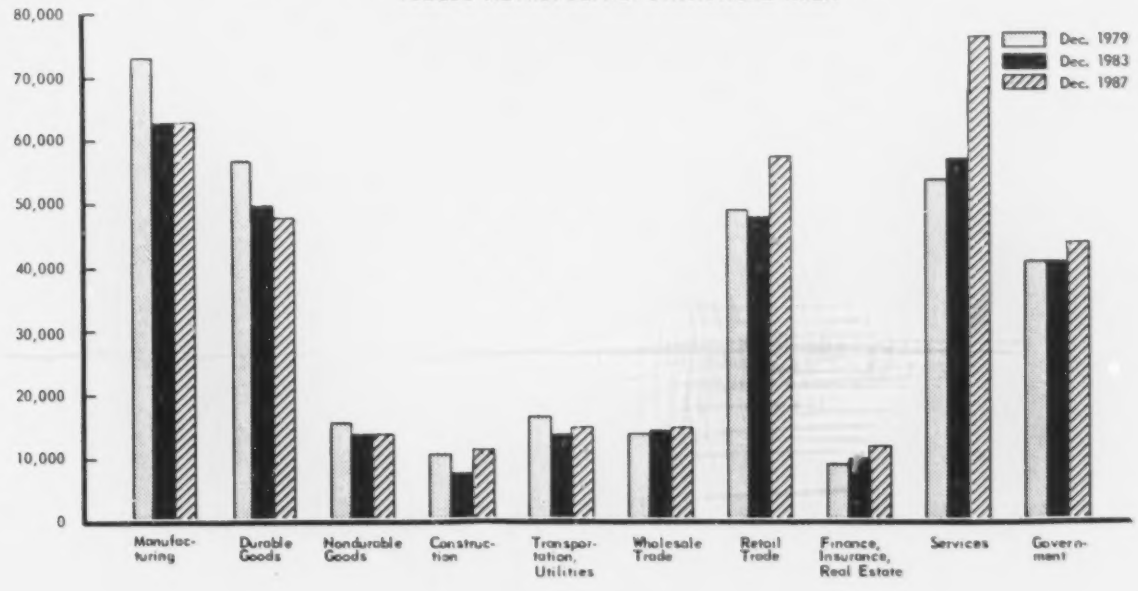


TOLEDO MSA LABOR FORCE & EMPLOYMENT DATA
(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1976	248.3	74.5	INA	INA	INA	INA
INA	INA	INA	INA	1977	256.3	77.2	INA	INA	INA	INA
INA	INA	INA	INA	1978	264.7	79.4	INA	INA	INA	INA
INA	INA	INA	INA	1979	268.2	77.4	INA	INA	INA	INA
INA	INA	INA	INA	1980	257.0	66.4	INA	INA	INA	INA
INA	INA	INA	INA	1981	254.2	65.8	INA	INA	INA	INA
INA	INA	INA	INA	1982	244.4	60.2	INA	INA	INA	INA
289.2	256.1	33.1	11.4	1983	245.3	59.6	INA	INA	INA	INA
293.5	267.3	26.2	8.9	1984	257.0	64.8	45.7	$502.42	43.2	$11.63
296.5	272.3	24.3	8.2	1985	264.5	65.7	46.2	523.55	42.6	12.29
308.0	282.2	25.9	8.4	1986	273.0	63.6	44.4	527.03	42.4	12.43
				1986						
314.6	291.9	22.7	7.2	November	283.0	63.1	44.5	524.99	42.1	12.47
313.7	289.1	24.5	7.8	December	283.4	63.0	44.5	538.40	42.9	12.55
				1987						
309.1	282.2	26.9	8.7	January	276.6	63.0	44.5	554.63	43.5	12.75
309.3	281.2	28.1	9.1	February	276.3	62.7	44.1	547.78	43.2	12.68
307.3	282.9	24.4	7.9	March	278.7	62.5	44.1	543.56	42.8	12.70
310.9	287.9	23.0	7.4	April	282.7	62.3	44.0	537.21	42.4	12.67
314.0	291.1	22.8	7.3	May	285.6	62.0	43.5	532.55	41.9	12.71
313.7	289.3	24.4	7.8	June	283.8	62.2	43.6	529.19	41.8	12.66
315.4	293.4	22.0	7.0	July	282.3	61.7	43.0	523.27	41.3	12.67
311.9	289.6	22.3	7.1	August	282.9	62.7	44.0	534.66	42.4	12.61
309.4	291.0	18.3	5.9	September	288.7	63.1	44.4	539.33	42.4	12.72
314.2	294.7	19.5	6.2	October	291.0	61.7	43.3	536.78	42.1	12.75
316.5	298.3	18.2	5.7	November	293.1	62.5	44.0	548.27	42.8	12.81
INA	INA	INA	INA	December	293.7	62.7	44.4	555.97	43.3	12.84

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
TOLEDO METROPOLITAN STATISTICAL AREA



Toledo MSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	December 1987[b]	November 1987[c]	December 1986[c]	From Last Month	From Last Year
TOTAL	293.7	293.1	283.4	.5	10.3
MANUFACTURING	62.7	62.5	63.0	.2	- .3
Durable Goods[e]	48.4	48.2	48.8	.2	- .4
Stone, clay, and glass products	8.0	8.1	8.1	.0	.0
Primary metal industries	3.2	3.1	3.2	.1	- .1
Fabricated metal products	7.3	7.3	7.5	.0	- .1
Metal forgings and stampings	3.1	3.0	3.2	.1	- .2
Machinery, except electrical	6.2	6.2	6.1	.0	.1
Electric and electronic equipment	2.7	2.7	3.0	.0	- .3
Transportation equipment	16.2	16.2	16.5	.0	- .3
Motor vehicles and equipment	15.2	15.3	15.5	- .1	- .3
Nondurable Goods[f]	14.3	14.3	14.2	.0	.1
Food and kindred products	3.7	3.6	3.5	.1	.2
Rubber and misc. plastics products	3.3	3.3	3.2	.0	.2
NONMANUFACTURING[g]	230.9	230.6	220.4	.3	10.5
CONSTRUCTION	11.5	12.1	10.1	- .6	1.3
TRANSPORTATION AND PUBLIC UTILITIES	14.9	14.9	14.5	.0	.3
Trucking and warehousing	6.1	6.1	5.8	.0	.3
Communication, electric, gas services	5.1	5.1	5.1	.0	- .1
WHOLESALE TRADE	14.7	14.8	14.4	.0	.4
Wholesale trade-durable goods	9.6	9.7	9.5	.0	.2
RETAIL TRADE	58.3	57.1	56.1	1.2	2.2
General merchandise stores	8.1	7.7	8.2	.3	- .1
FINANCE, INSURANCE, AND REAL ESTATE	11.7	11.7	11.4	.0	.3
Banking	3.6	3.6	3.6	.0	.0
SERVICES	75.9	76.1	70.9	- .2	5.0
Business services	15.5	15.4	13.4	.1	2.1
Health services	30.0	30.0	28.6	.0	1.3
Hospitals	15.4	15.5	15.0	- .1	.4
GOVERNMENT	43.7	43.7	42.8	.0	1.0
State government	16.2	16.5	16.1	- .3	.1
State government education[i]	12.1	12.4	12.2	- .3	- .1
State government, except education	4.1	4.1	4.0	.0	.2
Local government	24.9	24.6	24.0	.2	.9
Local government education	14.7	14.5	14.0	.2	.7
Local government, except education	10.2	10.2	10.0	.0	.2

Hours & Earnings of Production or Nonsupervisory Workers[a]

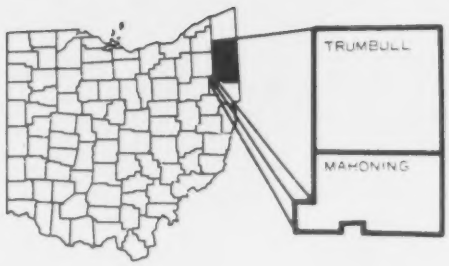
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Dec. 1987[b]	Nov. 1987[c]	Dec. 1986[c]	Dec. 1987[b]	Nov. 1987[c]	Dec. 1986[c]	Dec. 1987[b]	Nov. 1987[c]	Dec. 1986[c]
MANUFACTURING	$555.97	$548.27	$538.40	43.3	42.8	42.9	$12.84	$12.81	$12.55
Durable Goods[e]	582.47	575.86	553.83	43.5	43.2	42.8	13.39	13.33	12.94
Stone, clay, and glass products	534.66	534.23	539.65	42.0	41.9	43.0	12.73	12.75	12.55
Primary metal industries	491.63	486.26	512.45	43.7	43.3	44.6	11.25	11.23	11.49
Fabricated metal products	580.44	566.80	539.03	45.1	44.7	43.4	12.87	12.68	12.42
Metal forgings and stampings	774.39	738.24	679.68	49.8	48.0	47.2	15.55	15.38	14.40
Machinery, except electrical	537.56	509.22	473.82	44.5	42.9	41.6	12.08	11.87	11.39
Electric and electronic equipment	477.90	503.42	572.61	40.5	41.4	44.7	11.80	12.16	12.81
Transportation equipment	688.90	680.55	639.20	43.3	43.1	42.5	15.91	15.79	15.04
Motor vehicles and equipment	693.23	684.43	639.82	43.3	43.1	42.4	16.01	15.88	15.09
Nondurable Goods[f]	464.34	452.92	481.68	42.6	41.4	43.2	10.90	10.94	11.15
Food and kindred products	515.91	491.97	624.55	43.1	41.1	47.1	11.97	11.97	13.26
Rubber and misc. plastics products	347.78	341.92	336.61	41.6	40.9	40.9	8.36	8.36	8.23
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	631.73	598.02	634.67	42.8	41.5	43.5	14.76	14.41	14.59
WHOLESALE TRADE	365.18	362.52	352.26	38.4	38.0	38.0	9.51	9.54	9.27
RETAIL TRADE[h]	165.73	160.13	161.37	29.7	28.8	29.5	5.58	5.56	5.47

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	December 1987	November 1987	December 1986
Employment Service Program			
New Applicants	2,084	1,966	2,086
Active File of Job Seekers	16,555	16,256	23,005
Referrals to Jobs	1,094	1,398	853
Placements	492	749	424
Job Openings Received	425	919	551
Job Openings Unfilled	771	1,114	650
Unemployment Insurance Program			
Initial Claims	5,111	3,452	5,910
Continued Claims	25,589	18,410	27,765
First Payments	1,596	771	1,530
Last Payments	359	353	438
Weeks Compensated	17,359	13,178	19,667
Benefits Paid	$2,506,149	$1,875,707	$2,848,080
Average Weekly Payment	$148.55	$146.35	$148.80

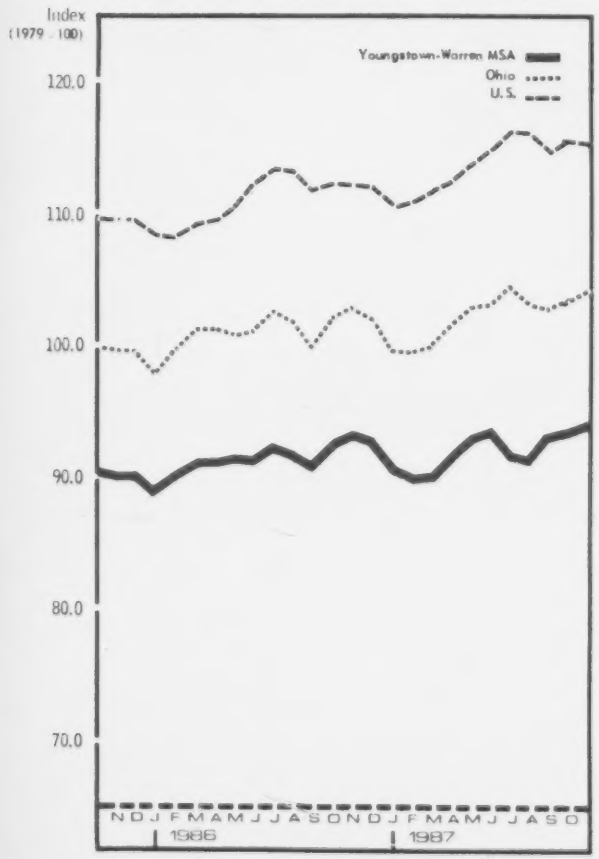
YOUNGSTOWN - WARREN METROPOLITAN STATISTICAL AREA



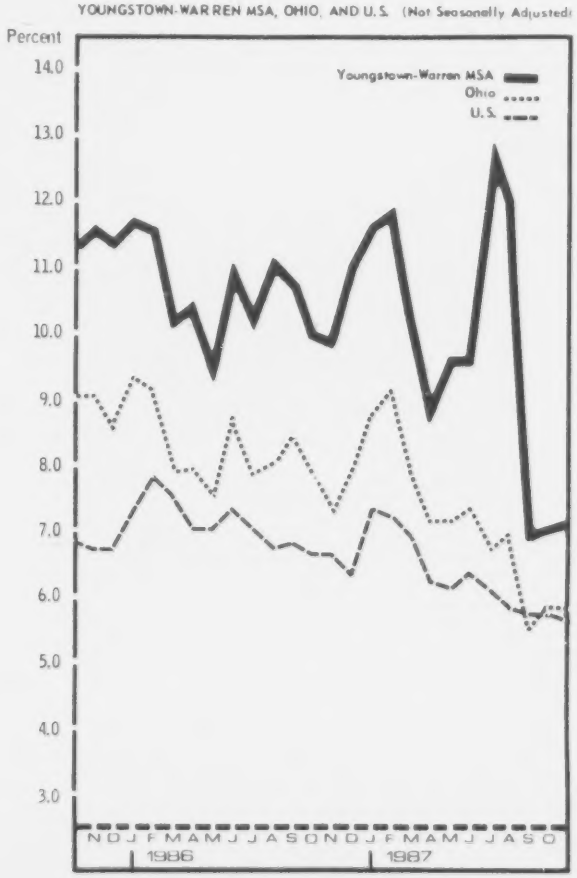
Nonagricultural wage and salary employment in the Youngstown-Warren metropolitan area declined 300, from 195,800 in November to 195,500 in December 1987. In manufacturing, returns following labor disputes and shutdowns in nonelectrical machinery were more than offset by reductions in primary metals and scattered losses in nondurable goods. In nonmanufacturing, seasonal losses in construction were counterbalanced by gains in retail trade. Factory production workers averaged $13.44 per hour in December, up fractionally from November. The average workweek, at 42.0 hours, was .4 hours shorter.

Since December 1986, nonfarm wage and salary employment in the Youngstown-Warren area increased 3,000, with noteworthy improvements in construction, retail trade, services, and wholesale trade. Employment in manufacturing was reduced 1,000. Workforces declined in transportation equipment, nonelectrical machinery, and electric and electronic equipment.

INDEXES OF TOTAL EMPLOYMENT
YOUNGSTOWN-WARREN MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
YOUNGSTOWN-WARREN MSA, OHIO, AND U.S. (Not Seasonally Adjusted)

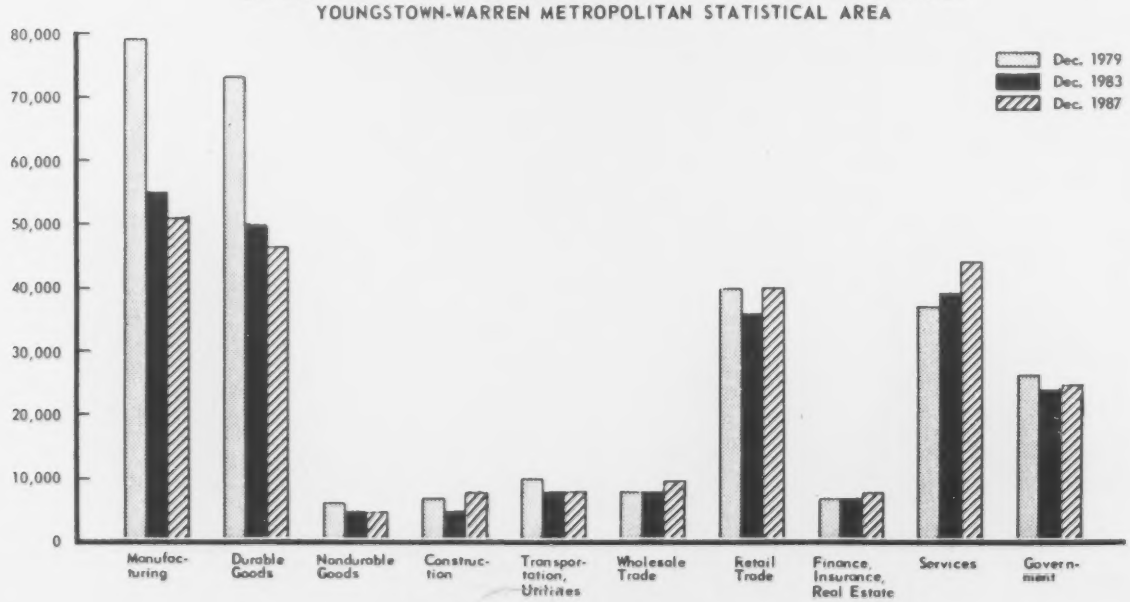


YOUNGSTOWN-WARREN MSA LABOR FORCE & EMPLOYMENT DATA
(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
234.2	210.5	23.7	10.1	1976	203.5	80.6	63.3	$277.29	39.5	$ 7.02
234.0	215.0	19.0	8.1	1977	208.0	81.1	63.6	313.50	40.4	7.76
235.2	217.5	17.7	7.5	1978	210.3	79.4	62.5	353.56	41.4	8.54
237.1	219.9	17.1	7.2	1979	213.9	79.9	62.5	377.29	40.7	9.27
238.9	210.5	28.4	11.9	1980	203.1	70.8	54.1	409.77	39.9	10.27
234.0	205.7	28.2	12.1	1981	198.7	67.3	50.8	474.10	40.8	11.62
237.0	190.3	46.6	19.7	1982	180.6	52.9	38.1	460.60	39.3	11.72
225.6	188.1	37.5	16.6	1983	177.5	52.8	36.6	521.20	42.1	12.38
222.2	195.9	26.3	11.8	1984	182.5	55.1	41.8	555.97	43.3	12.84
221.3	196.3	25.0	11.3	1985	184.2	52.7	39.6	570.64	43.1	13.24
224.9	201.1	23.8	10.6	1986	188.2	52.0	38.9	553.28	41.6	13.30
				1986						
227.6	205.2	22.4	9.8	November	191.9	52.2	39.3	558.11	41.9	13.32
228.7	203.6	25.1	11.0	December	192.5	52.2	39.5	579.58	42.9	13.51
				1987						
224.7	198.8	26.0	11.6	January	187.9	51.1	38.4	577.37	42.8	13.49
224.2	197.4	26.8	11.9	February	187.2	51.1	38.3	580.13	43.1	13.46
220.5	198.1	22.4	10.2	March	188.6	51.4	38.8	579.79	43.3	13.39
221.0	201.7	19.3	8.7	April	191.3	51.6	38.9	571.94	43.1	13.27
225.5	204.0	21.6	9.6	May	193.3	50.9	38.2	565.78	42.7	13.25
227.2	205.5	21.8	9.6	June	194.8	51.1	38.3	566.67	42.8	13.24
231.2	201.4	29.8	12.9	July	187.2	45.5	32.8	541.80	42.0	12.90
228.0	200.7	27.3	12.0	August	189.3	47.7	35.1	548.98	42.1	13.04
219.3	204.3	15.0	6.9	September	195.6	52.3	39.4	581.52	43.3	13.43
221.4	205.9	15.6	7.0	October	195.8	51.7	39.0	566.67	42.8	13.24
222.3	206.5	15.8	7.1	November	195.8	51.6	39.0	566.89	42.4	13.37
INA	INA	INA	INA	December	195.5	51.2	38.8	564.48	42.0	13.44

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
YOUNGSTOWN-WARREN METROPOLITAN STATISTICAL AREA



Youngstown-Warren MSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	December 1987[b]	November 1987[c]	December 1986[c]	From Last Month	From Last Year
TOTAL	195.5	195.8	192.5	- .3	3.0
MANUFACTURING	51.2	51.6	52.2	- .4	- 1.0
Durable Goods[e]	45.9	46.0	46.8	- .1	- .9
Primary metal industries	19.8	20.3	19.9	- .5	- .1
Blast furnace and basic steel products	6.8	6.8	6.4	.0	.4
Fabricated metal products	7.9	7.8	7.8	.1	.1
Machinery, except electrical	3.4	2.9	3.5	.5	- .2
Electric and electronic equipment	2.2	2.2	2.4	.0	- .2
Transportation equipment	9.5	9.6	10.1	- .1	- .5
Nondurable Goods[f]	5.3	5.6	5.4	- .3	- .1
NONMANUFACTURING[g]	144.3	144.2	140.3	.1	4.0
CONSTRUCTION	8.2	8.8	6.8	- .7	1.3
TRANSPORTATION AND PUBLIC UTILITIES	8.2	8.1	8.2	.1	.0
Communication, electric, gas services	3.1	3.1	3.2	.0	.0
WHOLESALE TRADE	9.6	9.4	9.0	.1	.6
Wholesale trade-durable goods	6.0	5.9	5.8	.1	.2
RETAIL TRADE	39.9	39.3	39.0	.5	.9
General merchandise stores	6.1	5.9	6.3	.2	- .3
FINANCE, INSURANCE, AND REAL ESTATE	8.4	8.4	8.2	.0	.2
Banking	2.8	2.8	2.7	.0	.1
SERVICES	44.3	44.6	43.5	- .3	.8
Health services	20.1	20.1	19.6	.0	.4
Hospitals	10.4	10.4	10.5	.0	- .1
GOVERNMENT	25.2	25.0	25.0	.2	.2
State government	4.3	4.3	4.3	.0	.0
State government education[1]	2.8	2.8	2.8	.0	.1
State government, except education	1.5	1.5	1.5	.0	.0
Local government	18.7	18.6	18.6	.1	.1
Local government education	12.3	12.3	12.1	.0	.2
Local government, except education	6.4	6.3	6.6	.1	- .1

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Dec. 1987[b]	Nov. 1987[c]	Dec. 1986[c]	Dec. 1987[b]	Nov. 1987[c]	Dec. 1986[c]	Dec. 1987[b]	Nov. 1987[c]	Dec. 1986[c]
MANUFACTURING	$564.48	$566.89	$579.58	42.0	42.4	42.9	$13.44	$13.37	$13.51
Durable Goods[e]	577.19	581.40	597.80	42.1	42.5	43.1	13.71	13.68	13.87
Primary metal industries	615.72	632.10	609.00	42.0	43.0	42.0	14.66	14.70	14.50
Blast furnace and basic steel products	622.89	625.63	704.15	45.4	45.6	45.4	13.72	13.72	15.51
Fabricated metal products	530.35	520.76	583.71	40.3	40.4	42.7	13.16	12.89	13.67
Machinery, except electrical	474.35	468.94	488.45	41.5	42.4	42.4	11.43	11.06	11.52
Electric and electronic equipment	474.30	468.99	412.54	42.5	42.1	38.7	11.16	11.14	10.66
Transportation equipment	642.93	634.51	721.62	43.5	43.4	47.6	14.78	14.62	15.16
Nondurable Goods[f]	426.13	417.36	386.16	40.7	41.2	40.1	10.47	10.13	9.63
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	543.36	540.48	544.45	40.1	39.8	40.6	13.55	13.58	13.41
WHOLESALE TRADE	344.81	354.11	332.64	38.1	38.7	37.8	9.05	9.15	8.80
RETAIL TRADE[h]	177.01	170.21	175.41	29.9	28.8	30.4	5.92	5.91	5.77

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [f]Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	December 1987	November 1987	December 1986
Employment Service Program			
New Applicants	1,674	2,037	1,928
Active File of Job Seekers	15,180	16,160	28,846
Referrals to Jobs	1,208	2,017	903
Placements	581	526	283
Job Openings Received	699	630	352
Job Openings Unfilled	426	516	432
Unemployment Insurance Program			
Initial Claims	5,632	3,387	12,045
Continued Claims	24,177	15,679	35,271
First Payments	1,819	1,007	2,740
Last Payments	263	238	324
Weeks Compensated	18,691	12,305	24,123
Benefits Paid	$2,603,000	$1,673,863	$3,301,507
Average Weekly Payment	$143.37	$140.02	$147.49

Technical Notes

Civilian Labor Force Estimates

Civilian Labor Force.—Estimated number of persons 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.—Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Employment distributed by place of residence.

Total Unemployed.—Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.—Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Labor Market Information Division of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.—Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D.C., 1972, amended 1977) used for classification.

Coverage.—Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 10,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	40
Manufacturing	56
Nonmanufacturing	35
Mining	56
Construction	17
Transportation and Public Utilities	43
Wholesale Trade	19
Retail Trade	20
Finance, Insurance, and Real Estate	42
Services and Miscellaneous	26
Government	70

Nonagricultural Employment.—Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.—Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\text{Total Employment (current month)} = \text{Total Employment (previous month)} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.—Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law. Data are based on March 1986 benchmark.

Seasonally Adjusted Estimates

To facilitate interpretation of underlying economic trends, Division-level Nonagricultural Wage and Salary Employment series are presented with short-term effects of seasonal patterns removed.

Hours and Earnings

Method of Computing Averages.—Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.—Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow:

Production Workers.—Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.—Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll.—Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for Social Security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours.—Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Selected Employment Service Activities

	December 1987	November 1987	December 1986
New Applicants	36,467	36,556	41,715
Active File of Job Seekers	261,242	265,373	366,344
Counseling Interviews	1,235	1,404	1,696
Tests Administered	5,346	3,997	2,985
General Aptitude Tests	375	249	297
Proficiency Tests	358	533	387
Specific Aptitude Tests	1,377	905	354
Referrals to Jobs	18,817	23,091	15,830
Placements	5,980	6,278	4,861
Job Openings Received	8,930	9,563	7,434
Job Openings Unfilled	15,534	19,860	16,358

Selected Unemployment Insurance Activities

	December 1987	November 1987	December 1986
Initial Claims	88,767	61,159	109,051
Continued Claims	489,154	338,808	566,783
First Payments	30,107	17,200	32,342
Last Payments	5,944	5,116	7,206
Average Weekly Claimants	95,067	78,953	116,865
Average Weekly Benefit Recipients	75,329	60,905	90,801
Weeks Compensated	359,573	243,621	397,908
Benefits Paid	$53,088,604	$35,738,411	$58,128,167
Average Weekly Payment	$151.41	$150.54	$150.68
Continued Claims for Survey Week	96,366	80,928	116,843
Insured Unemployment Rate	2.2	1.9	2.8
Net Contributions	$6,715,484	$217,564,425	$4,932,037
Active Employer Accounts	197,855	198,160	193,872

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